Service Manual

Vol. 1

50

Sec. 1 Operating Instructions

Sec. 2 Disassembly & Maintenance

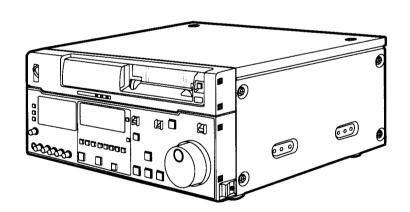
Sec. 3 Mechanism Adjustments

Sec. 4 Schematic Diagrams

Sec. 5 Circuit Board Diagrams

Sec. 6 Exploded Views & Replacement Parts Lists

Digital Video Cassette Player AJ-D940P/E



Please refer to the Service Manual Volume 2 (order No. VSD9903M902B) for Service Information, Electrical Adjustments and Block Diagrams.

Panasonic

INTRODUCTION

This service manual contains technical information which allow service personnel to understand and service the DVCPRO Studio VTR AJ-D940.

Specifications

GENERAL

AC 120V. 50 - 60 Hz Power supply voltage Power consumption 215W (full operation)

Operating ambient temperature

Operating ambient humidity

10% to 90% (no condensation)

Weight

37.84 lb (17.2 kg)

41°F to 104°F (5°C to 40°C)

Dimensions

16-3/4" (W) $\times 6-15/16$ " (H) $\times 16-3/8$ " (D) (424 $\times 175 \times 415$ mm)

(excluding unit's feet, jacks and jog dial)

Playback format

DVCPRO50/DVCPRO formats

Playback video signals

525i/625i selectable

Playback audio signals

DVCPRO50: 48 kHz, 16 bits, 4 channels 48 kHz, 16 bits, 2 channels DVCPRO:

Playback tracks

Digital/video/audio tracks: Helical tracks Time codes are recorded in sub-code area.

1 track Cue track: Control track: 1 track 67,640 mm/sec (525) 67.708 mm/sec (625)

Tape speed

92 min. (using AJ-5P92LP)

Playback time Tape used

Metal tape

FF/REW time

Less than 3 min. (using AJ-5P92LP)

Search speed Digital slow

±32× normal speed (color)

Plus direction: +1× for DVCPRO50 +2× for DVCPRO

Minus direction: $-1 \times$ for DVCPRO50 -2× for DVCPRO

Editing accuracy Tape timer accuracy

Servo lock time

±0 frame (using time code)

±1 frame (using continuous CTL signal) Less than 0.5 sec (color framing/standby ON)

VIDEO

Sampling frequencies

Quantizing

8 bits

Video compression method

DCT + adaptive quantizing + variable length code

DVCPRO50 525i/625i: Y; 13.5 MHz/PB, PR; 6.75 MHz

Video compression rate

DVCPRO50: 1/3.3 DVCPRO: 1/5

Error correction

Reed-Solomon product code

Video recording bit rate

DVCPRO50: 50 Mbps DVCPRO: 25 Mbps

Analog Component Output Video

Video bandwidth (see Note 1)

30 Hz to 5.5 MHz (±0.5 dB), 5.75 MHz (-2.0 dB) 525i: Y:

PB. PR: 30 Hz to 2.5 MHz (±0.5 dB), 2.75 MHz (-2.0 dB) 25 Hz to 5.5 MHz (± 0.5 dB), 5.75 MHz (-2.0 dB) 625i: Y: P_B, P_R; 25 Hz to 2.5 MHz (± 0.5 dB), 2.75 MHz (-2.0 dB)

(Note 1: When playing back a tape recorded with digital input signals)

S/N ratio K factor (2T) Better than 60 dB Less than 1%

Video Input Connectors

Reference input

Analog composite, BNC \times 2, loop-through, 75 Ω ON/OFF selectable

Specifications



Video Output Connectors

Analog component output BNC × 3 (Y, PB, PR)

Y: 1.0 Vp-p, 75Ω

PB, PR: 0.525/0.757 Vp-p switchable, 75Ω

(75% color bar, 0% setup)

Analog composite output

Serial digital component output

BNC \times 3, video 1, video 2, video 3 (superimpose ON/OFF) BNC \times 3, complies with the SMPTE259M-C standard

SDI 1, SDI 2, SDI 3 (superimposed ON/OFF)

SDTI output (option) BNC × 1, complies with the SMPTE305M standard (use of SDI 1 output connector shared)

Video Signal Adjustment Ranges

Video output gain ±3 dB
Video output chroma gain ±3 dB
Video output chroma phase ±30°
Video output setup ±14 IRE
Video output sync phase ±15 µsec
Video output SC phase ±180°

AUDIO

Digital Audio

Sampling frequency 48 kHz (synchronized with video)

Quantizing 16 bits

Frequency response 20 Hz to 20 kHz ±1.0 dB (at reference level)

Dynamic range Better than 90 dB (1 kHz, emphasis OFF, A weighted)
Distortion Less than 0.05% (1 kHz, emphasis OFF, reference level)

Crosstalk Less than -80 dB (1 kHz, between 2 channels)

Wow & flutter Below measurable limit

Head room 525i: 20 dB

625i: 18 dB

De-emphasis T1 = 50 µsec, T2 = 15 µsec (selected automatically)

Cue Track

Frequency response 300 Hz to 6 kHz ±3 dB

Audio Output Connectors

Analog output

(CH1/CH2/CH3/CH4) XLR × 4, low impedance, +4/0/-20 dBu, selectable using menu item setting

Digital output

(CH1/CH2, CH3/CH4) XLR × 2, AES/EBU format

Serial digital output Complies with SMPTE259M-C/272M standard (BNC, 75Ω)

Cue track output $XLR \times 1$, low impedance, +4/0/-20 dBu, selectable using menu item setting Monitor output $XLR \times 2$, low impedance, +4/0/-20 dBu, selectable using menu item setting

Headphones output 1/4" phone, 8Ω , variable level

Other Input/Output Signal Connectors

Time code output XLR ×1, 2.0 Vp-p, low impedance RS-422A input D-sub 9-pin, RS-422A interface RS-422A output D-sub 9-pin, RS-422A interface RS-232C D-sub 25-pin, RS-232C interface

Parallel input/output D-sub 25-pin
Encoder remote D-sub 15-pin

Weight and dimensions shown are approximate. Specifications are subject to change without notice.

IMPORTANT

"Unauthorized recording of copyrighted television programs, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."





CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION:

To reduce the risk of fire or shock hazard and annoying interference, use the recommended accessories only.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL BOARD TO AUTHORIZED SERVICE PERSONNEL.

FCC Note:

This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

is the safety information.

- Do not insert fingers or any objects into the video cassette holder.
- Avoid operating or leaving the unit near strong magnetic fields. Be especially careful of large audio speakers.
- Avoid operating or storing the unit in an excessively hot, cold, or damp environment as this may result in damage both to the unit and to the tape.
- Do not spray any cleaner or wax directly on the unit.
- If the unit is not going to be used for a length of time, protect it from dirt and dust.

- Do not leave a cassette in the unit when not in use.
- Do not block the ventilation slots of the unit.
- Use this unit horizontally and do not place anything on the top panel.
- Do not attempt to disassemble the unit.

 There are no user serviceable parts inside.
- If any liquid spills inside the recorder, have the unit examined for possible damage.
- Refer any needed servicing to authorized service personnel.

IMPORTANT

"Unauthorized recording of copyrighted television programs, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."



■ THIS APPARATUS MUST BE EARTHED

To ensure safe operation the three-pin plug must be inserted only into a standard three-pin power point which is effectively earthed through the normal house-hold wiring.

Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities.

The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician.

■ DO NOT REMOVE PANEL COVER BY UN-SCREWING

To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. And do not insert fingers or any other objects into the video cassette holder.

CAUTION:

Do not install or place this unit in a bookcase, built in cabinet or in another confined space in order to keep well ventilated condition. Ensure that curtains and any other materials do not obstruct the ventilation condition to prevent risk of electric shock or fire hazard due to overheating.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSOIRES ONLY.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL BOARD TO QUALIFIED SERVICE PERSONNEL.

Operating precaution

Operation near any appliance which generates strong magnetic fields may give rise to noise in the video and audio singals. If this should be the case, deal with the situation by, for instance, moving the source of the magnetic fields away from the unit before operation.

is the safety information.

Attention/Attentie

- This apparatus contains a lithium battery for memory back-up.
- For the removal of the battery at the moment of the disposal at the end of the service life please consult your dealer.
- Do not throw away the battery. Instead, hand it in as hazardous waste.
- Dit apparaat bevat een lithiumbatterij voor memory back-up.
- Raadpleeg uw leverancier over de verwijdering van de batterij op het moment dat u het apparaat bij einde levensduur afdankt.
- Gooi de batterii niet weg, maar lever hem in als KCA.



Caution for AC Mains Lead

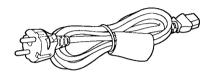
FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

This product is equipped with 2 types of AC mains cable. One is for continental Europe, etc. and the other one is only for U.K.

Appropriate mains cable must be used in each local area, since the other type of mains cable is not suitable.

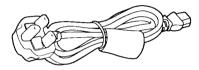
FOR CONTINENTAL EUROPE, ETC.

Not to be used in the U.K.



FOR U.K. ONLY

If the plug supplied is not suitable for your socket outlet, it should be cut off and appropriate one fitted.



FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 13 amp fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow: Blue:

Earth Neutral

Brown:

Live

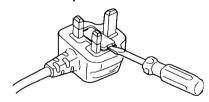
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol

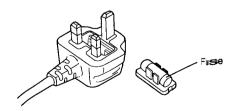
 or coloured GREEN or GREEN-AND-YELLOW.
- The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

How to replace the fuse

1. Open the fuse compartment with a screwdriver.



2. Replace the fuse.



Specifications



GENERAL

AC 220 - 240V, 50 - 60 Hz Power supply voltage 215W (full operation) **Power consumption**

Operating ambient temperature

Operating ambient humidity

Weight

Dimensions

Playback format Playback video signals

Playback audio signals

Playback tracks

Tape speed

Playback time Tape used

FF/REW time Search speed

Digital slow

Editing accuracy Tape timer accuracy

Servo lock time

VIDEO Sampling frequencies

Quantizing Video compression method Video compression rate

Error correction Video recording bit rate

Analogue Component Output Video

Video bandwidth (see Note 1)

S/N ratio K factor (2T)

Video Input Connectors Reference input

5°C to 40°C

10% to 90% (no condensation)

17.4 kg

424 (W) × 175 (H) × 415 (D) mm (excluding unit's feet, jacks and jog dial)

DVCPRO50/DVCPRO formats

625i/525i selectable

DVCPRO50: 48 kHz, 16 bits, 4 channels 48 kHz, 16 bits, 2 channels **DVCPRO:** Digital/video/audio tracks: Helical tracks

Time codes are recorded in sub-code area. Cue track: 1 track Control track: 1 track 67.708 mm/sec (625i)

67.640 mm/sec (525i) 92 min. (using AJ-5P92LP) Metal tape

Less than 3 min. (using AJ-5P92LP)

±32× normal speed (colour) +1× for DVCPRO50 Plus direction:

+2× for DVCPRO Minus direction: −1× for DVCPRO50

-2× for DVCPRO

±0 frame (using time code) ±1 frame (using continuous CTL signal)

Less than 0.5 sec (colour framing/standby ON)

DVCPRO50 625i/525i: Y; 13.5 MHz/PB, PR; 6.75 MHz

DCT + adaptable quantizing + variable length code DVCPRO50: 1/3.3

DVCPRO: 1/5

Reed-Solomon product code DVCPRO50: 50 Mbps DVCPRO: 25 Mbps

25 Hz to 5.5 MHz (±0.5 dB), 5.75 MHz (-2.0 dB) 625i: Y:

PB, PR; 25 Hz to 2.5 MHz (±0.5 dB), 2.75 MHz (-2.0 dB) 525i: Y; 30 Hz to 5.5 MHz (±0.5 dB), 5.75 MHz (-2.0 dB) PB, PR; 30 Hz to 2.5 MHz (±0.5 dB), 2.75 MHz (-2.0 dB)

(Note 1: When playing back a tape recorded with digital input signals)

Better than 60 dB Less than 1%

Analogue composite, BNC \times 2, loop through, 75 Ω ON/OFF selectable

Specifications



Video Output Connectors

Analogue component output

BNC × 3 (Y, PB, PR) 1.0 Vp-p, 75ΩP_B, P_R: 0.7 Vp-p, 75Ω

(100% colour bar)

Analogue composite output

Serial digital component output

BNC × 3, video 1, video 2, video 3 (superimpose ON/OFF) BNC × 3, complies with the EBU Tech. 3267-E standard

SDI 1, SDI 2, SDI 3 (superimposed ON/OFF)

SDTI output (option)

BNC × 1, complies with the SMPTE 305M standard (use of SDI 1 output connector shared)

Video Signal Adjustment Ranges

Video output gain

±3 dB ±3 dB

Video output chroma gain

±30°

Video output chroma phase Video output setup

±100 mV

Video output sync phase

±15 μsec

Video output SC phase

±180°

AUDIO

Digital Audio

Sampling frequency

48 kHz (synchronized with video)

Quantizing

16 bits Frequency response

20 Hz to 20 kHz ±1.0 dB (at reference level)

Dynamic range

Better than 90 dB (1 kHz, emphasis OFF, "A" weighted) Less than 0.05% (1 kHz, emphasis OFF, reference level)

Distortion

Less than -80 dB (1 kHz. between 2 channels)

Wow & flutter

Below measurable limit

Head room

Crosstalk

625i: 18 dB

525i: 20 dB

De-emphasis

 $T1 = 50 \mu sec$, $T2 = 15 \mu sec$ (selected automatically)

Cue Track

Frequency response

300 Hz to 6 kHz +3 dB

Audio Output Connectors

Analogue output

(CH1/CH2/CH3/CH4)

XLR × 4, low impedance, +4/0/-20 dBu, selectable using menu item setting*

Digital output

(CH1/CH2, CH3/CH4)

XLR × 2, AES/EBU format

Serial digital output

Complies with EBU Tech. 3267-E standard (BNC, 75Ω)

Cue track output

XLR × 1, low impedance, +4/0/-20 dBu, selectable using menu item setting*

Monitor output

XLR × 2, low impedance, +4/0/-20 dBu, selectable using menu item setting*

6.35 mm, 8Ω, variable level Headphones output

Other Input/Output Signal Connectors

Time code output

XLR × 1, 2.0 Vp-p, low impedance

RS-422A input

D-sub 9-pin, RS-422A interface D-sub 9-pin, RS-422A interface

RS-422A output

RS-232C

D-sub 25-pin, RS-232C interface

Paralle input/output

D-sub 25-pin

Encoder remote

D-sub 15-pin

Weight and dimensions shown are approximate. Specifications are subject to change without notice.

* EG model is fixe cd to -3 dBu.

SAFETY PRECAUTIONS

GENERAL GUIDELINES

- When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1 M\Omega$ and $5.2 M\Omega$.

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

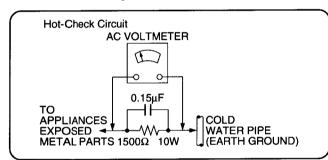


Figure 1

LEAKAGE CURRENT HOT CHECK (See Figure 1.)

- Plug the AC cord directly into the AC outlet.
 Do not use an isolation transformer for this check.
- 2. Connect a $1.5k\Omega$, 10 W resistor, in parallel with a $0.15\mu F$ capacitor, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
- Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
 - Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
- Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
 - CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
- Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

- The potential source of X-Radiation in EVF sets is the High Voltage section and the picture tube.
- When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

 Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, ± 0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

MEMO

SECTION 1

OPERATING INSTRUCTIONS

CONTENTS

J-D940P (NTSC	S)·····	••••••	•••	••••••	⋯ 3~72	
LD940F (PAL)					···· 4(F)~73(E١

Operating instruction for AJ-D940P

Contents

Safety Precautions	2
Introduction and Features	
Parts and Their Functions	6
Front panel	
Front panel top	7
Front panel center	8-11
Front panel bottom	12-13
Connector panel	14-16
Connections	
Connections using one unit	17
Example of connections when the unit	
is used as the source machine for editing	
(deck to deck)	18
Example of connections with an editing	
controller	19
Connections for adjusting the video output	
signals (encoder output)	20
Tapes	
Switching on the Power/Inserting the Cassette.	
STOP/STANDBY Mode	
Playback	24
Jog/Shuttle	25
MULTI CUE Function	
Video Output Signal (Encoder Output)	
Adjustments	29
Setup (Default Settings)	
Setup Menus	
• SYSTEM	
• BASIC	. 37-39
OPERATION	. 40-41
• INTERFACE	42
• EDIT	
TAPE PROTECT	44
• TIME CODE	
• VIDEO	. 46-47
• AUDIO	. 48-49
• V BLANK	
• MENU	

Time Code/User Bit	52
Time Code/User Bit Playback	53
Superimpose Screen	54
Servo Reference	
Audio V Fade Function	56
Selecting the Audio Monitor Output	
Rack Mounting	
Video Head Cleaning	
Condensation	
Error Messages	
Error Messages (when AUTO OFF lamp is	
lighted)	62-63
RS-232C Interface	
Connector Signals	

Before attempting to operate the unit, check that all the accessories are present and accounted for.

Power cord....1 pc

Options

- AJ-CS750P cassette adapter
- AJ-MA75P rack-mounting adapters

Introduction and Features

The AJ-D940 is a multi-purpose studio digital VTR which uses 1/4-inch wide compact cassette tapes and which is designed exclusively for slow-motion playback with a high picture quality at a 50 Mbps video recording rate. It is capable of playing back existing DVCPRO (25 Mbps) cassette tapes as well. It is equipped with a 525/625 switchable function to enable it to be operated as a studio VTR anywhere in the world.

This VTR with its high picture quality, which is due to the incorporation of digital compression technology, significantly reduces the deterioration in the quality of both sound and pictures which accompanies dubbing operations. Its compact 4U size and light-weight design makes it easy for the unit to be carried around and installed in a 19-inch rack.

A dialogue system enables the unit's setup settings to be performed while monitoring the onscreen menus that appear on the TV monitor.

Features

Compact size and light weight

This digital VTR has a 4U size. This means that it is easy to install it in a 19-inch rack, too, if the rack-mounting adapters (optional accessory, AJ-MA75P) are used.

Up to 92 minutes of playback time

Two sizes of cassette tape, the M size (for up to 33 minutes of playback time) and L size (for up to 92 minutes of playback time), can be used with this unit.

The tape has a 1/4-inch width for a compact design.

High picture quality

A high picture quality is achieved using 4:2:2 component signals whose recording rate is twice as high as that of the existing DVCPRO format.

525i/625i switchable function

By setting the 525i/625i selector switch to the setting that corresponds to the TV system of the signals (525i or 625i) recorded on the tape, the signals of either TV system can be played

Compatibility with DVCPRO format

Tapes recorded using the existing DVCPRO format can be played back on this unit.

Compatibility with general consumer video equipment

Cassette tapes designed for general consumer applications containing material shot by a consumer digital camera can be played back on this unit if the cassette adapter (optional accessory, AJ-CS750P) is used.

<Note:

Tapes recorded in the LP consumer mode cannot be played back.

Digital slow motion/dial jog functions

Using Panasonic's very own digital slow-motion technology, pictures played back in slow motion at the following speeds can be reproduced clearly.

DVCPRO50 (50 Mbps): $-1 \times \text{to} + 1 \times \text{speed}$ DVCPRO (25 Mbps): $-2 \times \text{to} + 2 \times \text{speed}$

DV: $\pm 0.03x$, $\pm 0.07x$, $\pm 0.1x$, $\pm 0.2x$, $\pm 0.4x$ to $\pm 1x$

Dial shuttle function

Shuttle operations enable color pictures to be played back in the forward or reverse direction at a maximum of 32 times the normal tape speed.

Time code

The unit contains a time code reader (TCR).



Features

(continued)

Multi-functional interface capability

· Serial digital output

The unit is equipped with a component serial interface connector to enable interfacing with serial digital component signals. (SMPTE 259M-C, 272M)

- Analog video output
- Both component (Y, P_B, P_R) and composite output connectors are provided.
- · AES/EBU audio output
- The unit comes with digital audio output connectors.
- · SDTI output (option)
- · 9-pin RS-422A/RS-232C remote

In addition to the standard 9-pin serial remote (RS-422A) connector, both RS-232C and 25-pin parallel remote connectors are provided.

4-channel digital audio for high sound quality

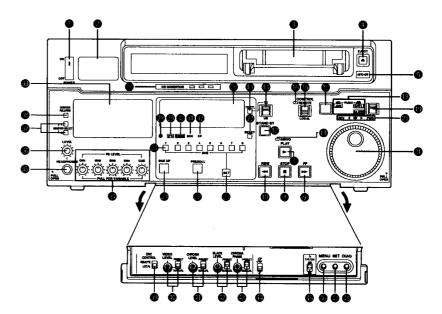
A 4-channel PCM audio capability plus another channel for the analog cue track is featured.

Menu-operated setup

The settings for the setup prior to operating the unit are performed while viewing the setup menus which appear on the unit's display or the TV monitor.

Parts and Their Functions

Front panel



<Front panel top area>

POWER switch

@ TV system and format display

The selected TV system and format are displayed here.

<525/625>

525: This lights when the 525 TV system is selected.625: This lights when the 625 TV system is selected.

<25 Mbps/50 Mbps>

25 Mbps: This indicates the DVCPRO (25 Mbps) and DV playback mode.

In the case of the DVCPRO (25 Mbps) playback mode, the DVCPRO (25 Mbps) cassette playback display lamp (8) in the center of the front panel also

lights

50 Mbps: This indicates the DVCPRO50 (50 Mbps) playback mode.

Cassette insertion slot

EJECT button

When this button is pressed, the tape inside is unloaded and several seconds later it is automatically elected.

If the counter display area is set to the CTL display, the display will be reset.

Channel condition lamps

One of these lamps lights in accordance with the error rate statuses. (Green-Amber-Red)

Green: This lamp lights when the error rates for both the video and audio playback signals are at an acceptable level.

Amber: This lamp lights when the error rate for either the video and audio playback signals has deteriorated. A normal playback picture will appear even when this lamp is lighted.

Red: This lamp lights when either the video or audio playback signals are subject to correction or interpolation.

AUTO OFF lamp

This lights when trouble has occurred in the unit's operation.

Parts and Their Functions (continued)

<Front panel center>

PLAY button

This button is pressed to commence playback.

STOP button

This button is pressed to stop the tape travel.

The tape drum continues to rotate even in the stop mode, and the tape remains in close contact with the drum.

When the stop mode continues beyond the prescribed period of time, the unit is automatically set to the standby OFF mode in order to protect the tape.

The stop mode is established immediately after a cassette has been inserted into the unit.

9 FF button (see *1)

This button is pressed to fast forward the tape.

(B) REW button (see *1)

This button is pressed to rewind the tape.

⊕ SERVO lamp

This lamp lights when the drum servo and capstan servo lock.

® STANDBY button

While the same level of tape tension is applied as in the regular stop mode and the head drum continues to rotate, the lamp in the button lights to indicate that the standby ON mode is established.

The tape is set to the half-loading mode when the standby OFF mode is established. When this button is pressed in the stop mode, the standby OFF mode is established and the tape is set to the half-loading mode. At this time, the lamp in the button will go off.

When the stop mode continues beyond the prescribed period of time, the unit is automatically set to the standby OFF mode in order to protect the tape.

When either this button or the STOP button is pressed in the standby OFF mode, the standby ON mode is established. When a function button other than the STOP button is pressed, the tape will be set to the mode corresponding to the pressed button.

The time taken for operation to transfer to the standby OFF mode can be set on-screen.

TC/CTL switch

When this switch is pressed, what appears on the counter display changes from TC to CTL or vice versa. When TC is selected, either the TC or UB value will be displayed depending on the position to which the TC/UB switch has been set.

TC/UB switch

This selector switch is used to indicate either the TC value or UB value on the counter display area when the TC/CTL switch has been set to the TC position.

® REMOTE/LOCAL switch

This switch is provided to enable the unit to be controlled from an external source using the REMOTE, RS-232C or parallel connector.

REMOTE: Set here when the unit is to be controlled using the 9-pin REMOTE, RS-232C or parallel remote connector.

LOCAL: Set here when the unit is to be controlled using the controls on its operation panel.

^{*1} The fast forward or rewind speed can be selected using setup menu item No. 102 (FF.REW MAX).

<Front panel center>

This lamp lights when the REMOTE setting has been selected by the REMOTE/LOCAL switch.

(B) Search button

This button is pressed to establish the search mode.

When this button is pressed after the search dial is set to the shuttle mode and turned to the desired position, playback will commence at the speed which has been set by the search dial.

® JOG, SHTL and SLOW lamps

These lamps indicate the current status of the search dial and SHTL/SLOW switch.

This lights when the JOG mode is established.

SHTL (shuttle): This lights when the SHTL mode is established.

SLOW: This lights when the VAR mode is established.

SHTL/SLOW switch

This selector switch is set when the search dial is to be used for SHTL or VAR purposes.

@ REV. STILL and FWD lamps

These lamps light in accordance with the search dial operation.

REV: This lights when the dial is rotated counterclockwise, and if the search button lamp is also lighted at this time, the tape travels in the reverse direction.

STILL: In the JOG mode this lights when the dial rotation is stopped, and if the search button lamp is also lighted at this time, the tape also stops traveling.

In the shuttle mode, it lights when the dial is at the STILL position.

FWD: This lights when the dial is rotated clockwise, and if the search button lamp is also lighted at this time, the tape travels in the forward direction.

Search dial

This dial is used to locate the edit points.

Each time the dial is pressed, the shuttle mode or jog mode is selected alternately, and the JOG, SHTL or SLOW lamp lights.

When the unit's power is turned on, the search dial will not work unless it is first returned to the STILL position.

SHTL (shuttle) mode: If the dial is rotated and stopped at the desired position when the SHTL/SLOW switch has been set to SHTL, the tape can be played back at the speed that corresponds to the angle to which the dial has been rotated. A still picture will appear when the dial is set to its center position.

> When the SHTL/SLOW switch has been set to SLOW, the tape will travel at the -4.1x speed if the dial is rotated counterclockwise as far as it will go, a still picture will appear when it is set to its center position, and the tape will travel at the +4.1x speed if the dial is rotated clockwise as far as it will go. The maximum speed at the SLOW setting can be selected by setup menu item No. 320 (VAR FWD MAX) or No. 321 (VAR REV MAX).

Jog mode:

The dial's clickstop positions are cleared, and the tape is played back at the speed (see *1) that corresponds to the speed with which the dial is rotated.

*1 DVCPRO50 (50 Mbps): -1x to +1x speed DVCPRO (25 Mbps): -2x to +2x speed DV: $-1 \times to +1 \times speed$

Parts and Their Functions (continued)

<Front panel center>

@ PREROLL button

This button is used to cue the tape for a transmission, etc.

If it is pressed when a CUE point has been selected (when the CUE lamp is flashing), the tape is prerolled to the CUE point, and a still picture appears on the screen.

If it is pressed when a CUE point has not been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.

• The preroll time can be set using setup menu item No. 000 (P-ROLL TIME).

CUE UP button

This button is used to cue the tape for a transmission, etc.

If it is pressed when a CUE point has been selected (when the CUE lamp is flashing), the tape is prerolled to the CUE point, and a still picture appears on the screen.

If it is pressed when a CUE point has not been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.

• The preroll time can be set using setup menu item No. 016 (CU-ROLL TIME).

@ CUE buttons 1 through 8

These buttons are used to enter, check or erase cue points.

When a button is pressed at a cueing position on the tape, the cue point will be entered in

To check a cue point which has been entered, press the CUE button in which the point was entered.

To erase a cue point, press the RESET button while holding down the CUE button.

SET button

This button is used when cue points are to be entered or erased.

When it is pressed at the cueing position, the cue point will be entered and the corresponding CUE button's lamp will light. When it is pressed at positions to which the tape is be successively cued, the CUE buttons in which no cue points have been entered will light in sequence starting with the lowest number, and the cue points will be entered. When the RESET button is pressed while the SET button is held down, all the registered cue points will be deleted.

Counter display area

The TC and CTL count values as well as the messages and other on-screen information appear on the counter display area.

RESET button

When this button is pressed in the CTL mode, the display is cleared to "00:00:00:00."

Warning lamp

This lamp lights when a warning is issued.

Cassette insertion display lamp

This lamp lights when a cassette has been inserted into the unit.

DVCPRO (25 Mbps) cassette playback display lamp

This lamp lights when a cassette recorded using the DVCPRO (25 Mbps) format is played back.

@ SCH lamp

This lamp lights when the SCH phase of the external sync signal is within the specified

<Front panel center>

CF lamp

This lamp lights when the color framing is locked.

Level meter

The playback levels for channels 1, 2, 3 and 4 of the PCM audio signals and for the cue track signals are displayed by this meter.

Audio output level controls

These controls are used to adjust the playback levels for channels 1, 2, 3 and 4 of the PCM audio signals and for the cue track signals.

They use a "pull to vary level" system which means that the levels can be adjusted after they have been pulled up. The unity (default) levels apply when they are pushed down.

Headphones jack

When a pair of stereo headphones are connected to this jack, the sound being played back can be monitored through the headphones.

Volume control

This control is used to adjust the headphones volume and monitor output volume. Setup menu item No. 713 (MONI OUT) can be used to set whether the headphones output and monitor output are to be linked together or separated. (However, the headphones are always linked to the monitor output.) When the two outputs are separated, the monitor output is set the unity (default) level.

MONITOR SELECT switches

These switches are used to select the audio signals which are to be output to the monitor L and R channels.

Each time the "L" button is pressed, the signals which are to be output to the monitor L channel are switched in the following sequence: CH1, CH2, CH3, CH4, CUE, CH1, etc. [This switching is disabled when CH1+2 or CH3+4 has been selected as the setup menu item No. 729 (MONI MIX L) setting.]

Each time the "R" button is pressed, the signals which are output to the monitor R channel are switched in the following sequence: CH1, CH2, CH3, CH4, CUE, CH1, etc.

[This switching is disabled when CH1+2 or CH3+4 has been selected as the setup menu item No. 730 (MONI MIX R) setting.]

The signals which have been selected are indicated by the L or R lamps which light on the level meter display area. [When AUTO has been selected as the setup menu item No. 721 (MONI CH SEL) setting, the display is switched in tandem with the monitor output.]

METER (FULL/FINE) selector switch

This switch is used to select the scale display on the audio level meter.

FULL mode: The standard scale (ranging from -∞ to 0 dB) is selected.

FINE mode: The scale in 0.5 dB increments is selected.

Parts and Their Functions (continued)

<Front panel bottom>

® ENCODER CONTROL switch

This switch is used to select whether the adjustments of the video output signals are to be performed using the controls either on the unit or on an external encoder remote controller.

REMOTE: The video output signals are adjusted using the controls on the external encoder remote controller.

LOCAL: The video output signals are adjusted using the controls on the unit.

VIDEO LEVEL control and switch

These enable the video level to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the VIDEO LEVEL switch is set to PRESET, the video level is set to the unity (0 dB) level. When it is set to MANUAL, the video level can be adjusted using the control.

CHROMA LEVEL control and switch

These enable the chroma level to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the CHROMA LEVEL switch is set to PRESET, the chroma level is set to the unity (0 dB) level. When it is set to MANUAL, the chroma level can be adjusted using the control

SET UP LEVEL control and switch

These enable the setup level to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the SET UP LEVEL switch is set to PRESET, the setup level is set to the unity (0 IRE) level. When it is set to MANUAL, the set-up level can be adjusted using the control.

HUE LEVEL control and switch

These enable the hue to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the HUE LEVEL switch is set to PRESET, the hue is set to the unity (0°) level. When it is set to MANUAL, the hue can be adjusted using the control.

CF switch

This switch is used to select either 4- or 8-field or 2-field increments for the playback framing lock.

4F/8F: 525 mode = The framing is locked in 4-field increments.

625 mode = The framing is locked in 4 or 8-field increments. The setup menu item No. 108 (CAP.LOCK) setting is used to switch between 4-field or 8-field increments.

2F: The framing is locked in 2-field increments.

TV SYSTEM selector switch

This switch is used to select the TV system. For this setting to take effect, the power must be turned off and then turned back on.

525: The 525 interlace/59.94 Hz TV system is selected.

625: The 625 interlace/50 Hz TV system is selected.

For playback, make sure that the switch is set to the position that corresponds to the TV system, 525i or 625i, which was used when the tape was recorded.

<Front panel bottom>

MENU button

When this button is pressed, the setup menu appears on the TV monitor (but only when the VIDEO OUT 3 connector is used), and the setup menu number appears on the unit's display. When it is pressed again, the setup menu setting is exited and the original operation is restored.

SET button

When this button is pressed, the data which has been set on the setup menu is entered. After the data has been entered, the setup menu setting is exited and the original operation is restored.

DIAG button

When this button is pressed, the VTR information is displayed. When it is pressed again, the original display is restored.

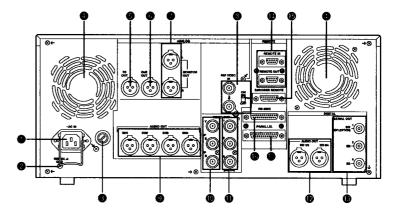
The VTR information consists of the HOUR METER information and WARNING information. The search button is pressed to switch between the displays of the two types of information.

Displayed on the HOURS METER screen are the deck's serial number, power-on time, drum rotation time, tape travel time, number of times the cassette has been loaded, and the number of times the power has been switched on and off.

Displayed on the WARNING screen is the nature of the warnings issued.

Parts and Their Functions

Connector panel



<Connector panel>

AC IN socket

This is connected to the power outlet using the accessory power cord.

SIGNAL GND terminal

This is connected to the signal ground terminal on the connected component for noise reduction purposes. It is not a safety ground.

6 Fuse holder

This contains a fuse.

Fan motor

This motor drives the fan that cools down the unit.

The lamp lights when trouble in some form or other has caused the fan motor to shut down. If operation is continued while this warning condition persists, the temperature inside the deck will rise, and once it has exceeded the safe temperature level, all the unit's operations will be shut down.

TIME CODE OUT connector

The playback time code signals are output from this connector.

CUE OUT connector

The analog signals recorded on the CUE track are output from this connector.

MONITOR OUT connectors

The PCM audio signals of CH1, CH2, CH3 and CH4 or the playback signals from the CUE track are output from this connector.

REF VIDEO IN connectors and 75Ω termination switch

These are the input connectors for the reference video signal.

Supply a composite video signal such as a black burst signal complying with the broadcast standards (see *1). Set the switch to ON for a 75 Ω termination.

*1 525: RS-170A 625: CCIR624

9 ANALOG AUDIO OUT connectors

The analog audio signals are output from these connectors.

® ANALOG COMPONENT VIDEO OUT connectors

The analog component video signals are output from these connectors.

ANALOG COMPOSITE VIDEO OUT connectors

The analog composite video signals are output from these connectors. Video signals with superimposed characters can be output from the VIDEO OUT 3 connector. Use setup menu item No. 007 (SUPER) to select ON or OFF as the superimposed character setting.

® DIGITAL AUDIO OUT connectors

Digital audio signals complying with the AES/EBU standards are output from these connectors.

® SERIAL DIGITAL COMPONENT AUDIO/VIDEO OUT connectors

Digital component audio and video signals complying with the SMPTE 259M-C/272M standards are output from these connectors.

Parts and Their Functions (continued)

<Connector panel>

Remote control connectors

The unit can be operated from an external source when it is connected with another player for deck-to-deck editing or with an external controller. There are two remote control connectors, one for input signals (IN) and the other for output signals (OUT).

IN: To be connected with an external controller.

To be connected for deck-to-deck operations.

OUT: To be connected for parallel run operations.

To be used for loop-through applications.

® ENCODER REMOTE connector

This is connected to an external encoder remote controller when the video output signal settings are to be adjusted from an external source.

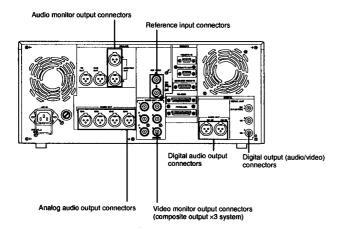
® RS-232C connector

PARALLEL REMOTE connector

This is used when the unit is to be operated from an external source.

Connections using one unit

Set the CONTROL switch on the front panel to LOCAL.



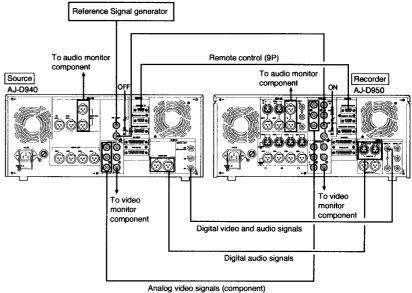
Example of connections when the unit is used as the source machine for editing (deck-to-deck editing)

Source unit:

Set the CONTROL switch on the front panel to REMOTE.

Recorder unit:

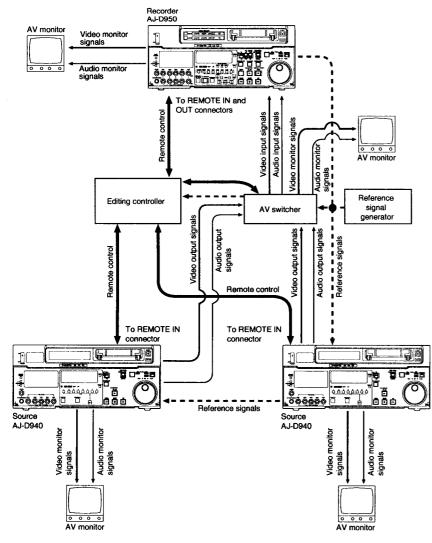
Set the CONTROL switch on the front panel to LOCAL.



AJ-D950:

The analog input/output signal interface kit board (optional accessory) must be installed for use.

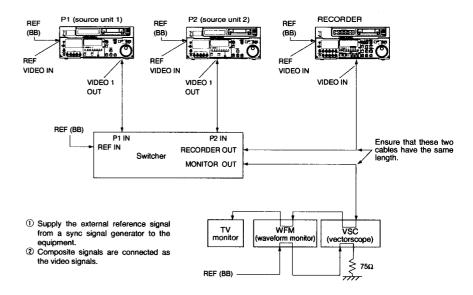
Example of connections with an editing controller



<Note>

If an editing controller made by CMX is to be used, steps must be taken at the editing controller side to support it.

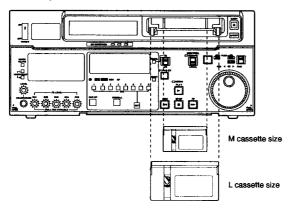
Connections for adjusting the video output signals (encoder output)



Tapes

	Туре	Description			
Consumer cassette (S size cassette)		These tapes are exclusively used with general consumer camera/recorders. They can be played back on the unit if a cassette adapter AJ-CS750P (available as an optional accessory) is used. However, bear in mind that long-playing cassette tapes (80 minutes in the standard mode; 120 minutes in the LP mode) cannot be used. It is recommended that Panasonic's DV tapes for general consumer applications be used. Bear in mind that inserting one of these cassette tapes without first installing the cassette adapter will cause malfunctioning.			
M siz	e cassette	Tapes with a maximum playback time of 33 minutes. (AJ-5P23MP, AJ-5P33MP)			
DVCPRO (50 Mbps)		Tapes with a maximum playback time of 92 minutes. (AJ-5P63LP, AJ-5P92LP)			
L cassette	For consumer use	Standard playback cassette tapes for consumer use. For playback, select DV as the setup menu item No. 014 (FORMAT SEL) setting. Use of Panasonic's consumer-use DV tapes is recommended.			

Align the cassette with the center of the insertion slot, and gently push it inside. The cassette tape is automatically loaded.



<Note>

For AJ-5P92LP cassette tapes recorded using the DVCPRO (25 Mbps) mode, use a VTR supporting DVCPRO (25 Mbps) 184 minute tapes.

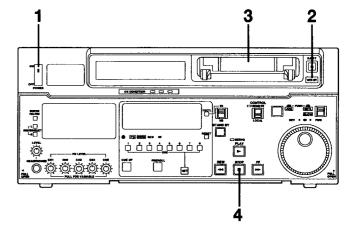
<Pre> <a color="block"

- · General consumer tapes recorded in the LP mode cannot be played back.
- When material recorded on a general consumer tape is to be edited, either use a DVCPRO50 (50 Mbps) or DVCPRO (25 Mbps) tape or record the material on another VTR used for broadcast applications.
- The maximum speed at which general consumer tapes can be advanced is 32 times the normal tape speed.
- The maximum still mode time for general consumer tapes is set to 10 seconds.
- dueling up a general concurrer tape at the same position should be kept to the minimum in order to project the tape from damage.
- The maximum time for STILL TIMER when a general consumer tape is used is set to 10 seconds, and the total time during which such a tape may be left standing in the STILL mode is set to 1 minute.

Switching on the Power/Inserting the Cassette

Before starting to operate the unit, check that the equipment has been connected properly.

- 1 Turn on the power.
- Check that the AUTO OFF lamp is off. In the event of condensation or other trouble, the AUTO OFF lamp lights, and all of the unit's operations are disabled.
- Insert the cassette tape.
 Insert the tape into the prescribe position without forcing it in any way.
- Check that the STOP lamp is lighted.
 When the tape is inserted, the cylinder starts rotating automatically, the tape is loaded, and the STOP mode is established.
 The EJECT lamp now goes off.



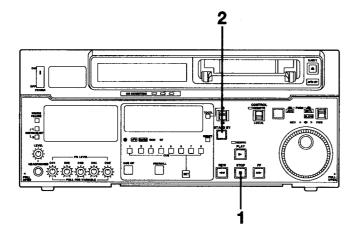
- **1** -----
 - The stop mode is established when the STOP button is pressed.
 - The STOP lamp lights, and the tape stops traveling.
 - In order to protect the tape, the standby OFF mode is established after the time set in setup menu item No. 400 (STILL TIMER) has elapsed.
 - When the STOP, REW, FF or PLAY button is pressed, the corresponding mode is established.
- When the STANDBY button is pressed, the standby ON or OFF mode is established.
 The standby ON mode is established while the button's lamp is lighted.

When the button is pressed in the stop mode, the standby OFF mode is established, the tape is set to the half-loading status, and the button's lamp goes off.

When the button is pressed in the standby OFF mode, the standby ON mode is established.

<Pre><Pre>cautions for the STILL TIMER setting>

- Remember that at times when the same material is repeatedly used such as when programs are aired, the cumulative standby time in the same position will be increased.
- In order to protect the tape, make the standby time at the same tape locations as short as possible: for instance, select a maximum of 30 seconds or so as the setup menu item No. 400 (STILL TIMER) setting.



Playback

- 1 Insert the cassette tape and set the unit to the STOP mode.
- 2 Press the PLAY button. Normal playback now commences.
- Adjust the audio playback levels. Pull out the audio level controls, and turn them clockwise or counterclockwise to adjust the levels. Normally, they are kept at their pushed-in positions (unity level).
- To end playback, press the STOP button.
 The unit is now set to the stop mode.

<Note

Check that the SERVO lamp remains lighted during playback. The playback pictures will be disturbed if the lamp is flashing or off.

Jog/Shuttle

Jog mode

1 Push the search dial to set it to its "in" position. Check that the JOG lamp is lighted.

2 Rotate the search dial

The clickstop positions of the dial are cleared, and the tape is played back at a speed $(-1 \times \text{to} + 1 \times)$ corresponding to the speed at which the dial is rotated. When the rotation of the dial is stopped, a still picture appears. The playback picture is free from noise.

To transfer operation from the jog mode to another mode, press the button which corresponds to the mode which is to be transferred to.

Shuttle mode

Push the search dial to release it from its "in" position.

The SHTL lamp now lights, and the shuttle mode is established.

- Immediately after the power is turned on, rotate the search dial and set it to its center position.
- 2 Set the SHTL/SLOW switch to the SHTL or SLOW position.
- Rotate the search dial.

When the SHTL/SLOW switch is set to the SHTL position, the speed of the playback picture is varied in the 0 to ± 32 × range depending on the dial's position. (The speed can be switched to ± 8.4 ×, ± 16 × or ± 32 × using setup menu item No. 101 (SHTL MAX).) The dial is set to the clickstop at the center: at this position a still picture appears on the screen.

When the SHTL/SLOW switch is set to the SLOW position, the speed of the playback picture is varied in the $-4.1\times$ to $+4.1\times$ range depending on the dial's position. (The maximum speed can be selected using setup menu item No. 320 (VAR FWD MAX) and No. 321 (VAR FWD MAX). However, noise will appear at any speed outside the $-1\times$ to $+1\times$ range for the DVCPRO50 (50 Mbps) format, the $-2\times$ to $+2\times$ range for the DVCPRO (25 Mbps) format and the $-1\times$ to $+1\times$ range for the DV format.) The dial is set to the clickstop at the center: at this position a still picture appears on the screen. The playback picture is free from noise.

To transfer operation from the shuttle mode to another mode, press the STOP button or another button.

<Note>

The unit is set at the factory in such a way that operation will be transferred to the shuttle or jog mode when the search dial is rotated. If it is inconvenient to transfer directly to the variable speed mode, operation transfer can be set up to go through the search button. Set setup menu item No. 100 (SEARCH ENA) to KEY.

MULTI CUE Function

Entering CUE points

■ Automatic entry

Using the search dial or in the PLAY mode, press the SET button at the place where the tape is to be cued. The CUE button in which the CUE point was entered now lights.

Each time the SET button is pressed at the next place where the tape is to be cued, the CUE point will be entered into the CUE button, in which a CUE point has not yet been entered, in sequence starting with the button having the lowest number.

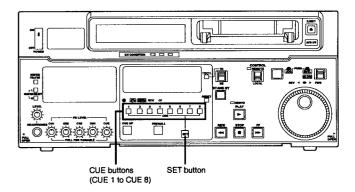
<Note:

When CUE points are entered in all 8 buttons, no further points will be entered even when the SET button is pressed. In this case, either overwrite an existing entry using the procedure for entry into a particular CUE button or reset the CUE point entry and then enter another CUE point.

■ Entry into a particular CUE button

There are two procedures for entering a CUE point into a particular CUE button.

- When a CUE point is to be entered into a CUE button in which no CUE point has been entered, press one of the CUE buttons (CUE 1 to CUE 8) directly at the place where the tape is to be cued. The lamp of the CUE button which was pressed now lights, indicating that the CUE point has been entered for that button.
- When a CUE point is to be entered into a CUE button in which a CUE point has already been entered, press the CUE button and SET button together at the place where the tape is to be used. In this case, the previous CUE point in the CUE button will be overwritten and a new CUE point will be entered.



Checking CUE points

Press one of the CUE buttons in which a CUE point has been entered to check the CUE point. The value of the entered CUE point appears on the display and the CUE button which was pressed now flashes. To release the flashing of the CUE button, either press the flashing CUE button or press another CUE button in which a CUE point has been entered. In this case, the flashing moves to the CUE button which was pressed.

■ Cueing up the tape to the CUE point

Press the CUE UP button while the CUE button is flashing. When this button is pressed, the tape is prerolled to the CUE point, and a still picture appears on the screen.

- The preroll time can be set using setup menu item No. 016 (CU-ROLL TIME).
- The mode to be established upon completion of the prerolling can be set to the STOP or STILL by setting setup menu item No. 315 (AFTER CUE-UP).

<Note>

If the button is pressed when no CUE point has been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.

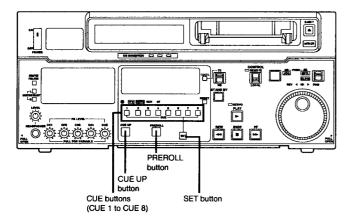
■ Prerolling the tape to the CUE point

Press the PREROLL button while the CUE button is flashing. When this button is pressed, the tape is prerolled to the CUE point, and a still picture appears on the screen.

- The preroll time can be set using setup menu item No. 000 (P-ROLL TIME).
- The mode to be established upon completion of the prerolling can be set to the STOP or STILL by setting setup menu item No. 315 (AFTER CUE-UP).

<Note>

If the button is pressed when no CUE point has been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.



MULTI CUE Function

Clearing CUE points

■ Clearing a particular CUE point

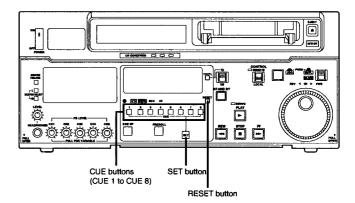
Press the RESET button while holding down the CUE button in which the point to be cleared has been entered. The entered CUE point will be reset, and the lamp of the CUE button concerned will go off at the same time.

■ Clearing all the CUE points together

Press the RESET button while holding down the SET button. All the entered CUE points will be reset and all the lamps of the CUE buttons will go off at the same time.

<Notes>

- · The following applies when the CTL mode has been set.
- When the RESET button is pressed while the SET button is held down, all the entered CUE points will be reset but the CTL value will not be reset.
- Conversely, when the SET button is pressed while the RESET button is held down, all the entered CUE points will be reset and the CTL value will also be reset.
- The entered CUE points are not reset even when the tape is ejected. In the CTL mode, only the CTL value is reset.



Video Output Signal (Encoder Output) Adjustments

In order to ensure an accuracy which is free from errors during editing when proceeding with AB roll editing (editing using two source units) using editors, it is necessary to adjust the video output signal (ENCODER OUT) after the system connections have been performed. (These adjustments must be performed again each time a connecting cable has been replaced or the connections are changed.)

The adjustment procedure for this unit is described below.

1 Check the connections. (See page 20)

Set the REMOTE/LOCAL switch at the bottom of the front panel to the adjustment position (LOCAL).

REMOTE: The video output signals are adjusted using the external encoder remote controller.

LOCAL: The video output signals are adjusted using the controls on this unit.

Perform the adjustments separately for each source unit.

3-1 When the preset values are to be used

Set the PRESET/MANUAL switches for VIDEO LEVEL, CHROMA LEVEL, SETUP and HUE to the PRESET position.

3-2 When adjusting the video output signals without using the PRESET values

1 Play back a cassette tape on which standard color bars have been recorded.

2 Adjust the controls in such a way that the following will appear on the waveform monitor (WFM) and vectorscope (VSC).

A Setup level:

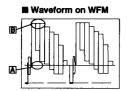
Adjust in such a way as to eliminate any deviation.

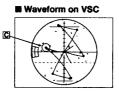
B Video level:

Adjust to 100 IRE.

C Chroma level and hue:

Adjust the two controls and place the vector waveform traces within the square grid mark.





Adjust the connected source units in the same way.

Setup (Default Settings)

The unit's main settings are performed while making selections using a menu system. The setting menus will appear on a TV screen when the VIDEO OUT 3 connector on the connector panel has been connected to a TV monitor.

Changing the settings

1 Press the MENU button.

The setup menu screen appears on the TV monitor, and the setup menu item number appears on the unit's counter display.

(When setup has already been performed, the screen showing the changes made last

2 Rotate the search dial and select the item to be set.

The cursor (*) moves on the menu screen, and the item number on the display flashes.

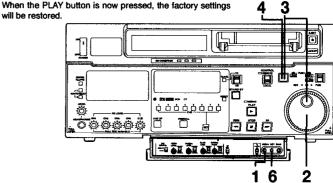
- \bullet When the dial is rotated clockwise, the flashing item number is incremented (001 ightarrow $002 \rightarrow 003 \rightarrow 004 \rightarrow$ and so on); when it is rotated counterclockwise, it is decremented.
- . When the FF or REW button is pressed while the PLAY button is held down, the next or previous item is selected.
- Use the search dial in the JOG mode whenever possible.
- Rotate the search dial while holding down the search button at the position where the change is to be made. The menu screen and setting on the display flash. When the dial is rotated clockwise, the setting is incremented; when it is rotated counterclockwise, it is decremented.
- Release the search button when the settings are completed. The item number now
 - · When the search dial is in the SHTL mode, the item will move unless the dial is held at the STILL position.
- Repeat steps 2 to 4 if another item is to be changed.
- Press the SET button. The changes made are now stored in the memory. To return the settings to what was set before the changes were made, press the MENU button.
 - . To return the setup settings to the factory (default) settings, press the RESET button while the menu is displayed. The following message will appear.

SETUP-MENU INIT SET YES<PLAY>/NO<STOP>

The changes made to the SYSTEM menu settings can be stored in the memory also by pressing the MENU

When the RESET button is pressed to restore the factory settings, the change will be made for the user file in current use only. The other user files will not be

-Notes



Setup (Setting) Menus

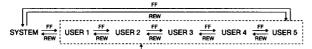
This unit offers five user files each of which can hold different menu settings. One of these files can be selected for use as the situation demands.

Changing the file

1 Press the MENU button.

When the FF button is pressed while the STANDBY button is held down, the next user file is selected in place of the current user file.

Conversely, when the REW button is pressed while the STANDBY button is held down, the previous user file is selected in place of the current user file.



User files

Each user file has the following items.

- BASIC
- OPERATION
- INTERFACE
- EDIT
- TAPE PROTECT
- TIME CODE
- VIDEO
- VIDEO
- AUDIOV BLANK
- MENU
- When the user file to be used has been selected in step 2, press the SET button. The user file is changed and stored in the memory.

<Note>

The SYSTEM menu items are not contained in user files 1 to 5. Therefore, to set the SYSTEM menu items, select the user file and switch to the SYSTEM file.

Setup Menus

The lock mode can be set to protect the settings in the system file and user files (USER2 to USER5). Once the lock mode has been set, it is no longer possible to change the settings. The setting and release of the lock mode can be performed using setup menu item No. 30 (MENU LOCK) for the system file and using setup menu item No. A03 (MENU LOCK) for the user files.

Setting and releasing the lock mode

1 Press the MENU button.

Press the FF or REW button while the STANDBY button is held down to select the file for which the lock mode is to be set or released.

Rotate the search dial, and move the cursor (*) on the menu screen to No. 30 (MENU LOCK) for the system file or to No. A03 (MENU LOCK) for the user files.

A Rotate the search dial while the search button is held down, and select whether to set or release lock mode.

Set lock: Set the setting to 0001 (ON). **Release lock:** Set the setting to 0000 (OFF).

When the lock is set, "LOCKED" appears at the top of the menu screen. In addition, the counter display stops flashing and lights up.

<usei< th=""><th>32></th><th>No.0</th><th>00 -</th><th>0005</th></usei<>	32>	No.0	00 -	0005
*000	P-ROL	L TIM	E	5ຣ
001	LOCAL	ENA	5	T&EJ
002	TAPE	TIMER		±12h
003	REMAI	N SEL		OFF
004	SETUP	NUMB	ER	OFF
007	SUPER			ON
008	DISPL	AY SE	L 1	F&STA
009	CHARA	H-PO	S	5
010	CHARA	V-PO	S	23
	*000 001 002 003 004 007 008 009	<pre><user2> *000 P-ROL 001 LOCAL 002 TAPE 003 REMAI 004 SETUP 007 SUPER 008 DISPL 009 CHARA</user2></pre>	<pre><user2> NO.0 *000 P-ROLL TIM 001 LOCAL ENA 002 TAPE TIMER 003 REMAIN SEL 004 SETUP NUMB 007 SUPER 008 DISPLAY SE 009 CHARA H-PO</user2></pre>	<pre><user2> NO.000 - *000 P-ROLL TIME 001 LOCAL ENA</user2></pre>

5 Press the SET button. The setting is now stored in the memory.

<Notes>

- . The lock mode cannot be set for the USER1 file.
- Once a file has been set to the lock mode, it cannot be reset to the factory settings even when the RESET button is pressed.

The contents of the USER2 to USER5 files can be copied (loaded) to the USER1 file. Alternatively, the contents of the USER1 file can be copied (saved) to the USER2 to USER5 files.

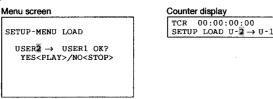


Loading a user file

- 1 Press the MENU button.
- Press the FF or REW button while the STANDBY button is held down and select USER1.
- Rotate the search dial, and move the cursor (*) on the menu screen to No. A00 (LOAD).

	P-MENU		
<use1< th=""><th>R1></th><th>NO.A00</th><th>- 0000</th></use1<>	R1>	NO.A00	- 0000
804	BLANK	LINE	BLANK
*A00	LOAD		USER2
A01	SAVE		USER2
A02	P.ON	LOAD	OFF
END			
ļ .			

- Rotate the search dial while the search button is held down, and select the user file which is to be loaded in USER1.
- Press the SET button. The following messages now appear on the menu screen and counter display.



The number of the user file selected in step 4 is displayed in the shaded area.

- Press the PLAY button. The settings in the user file selected in step 4 are loaded, and the USER1 menu display appears. If the STOP button is pressed instead, the USER1 menu display appears with its settings remaining unchanged.
- Rotate the search dial, and move the cursor (*) on the menu screen to any item except No. A00 (LOAD) or No. A01 (SAVE).
- Press the SET button. The USER1 settings are now stored in the memory. If they are not going to be stored in the memory, press the MENU button instead of the SET button.

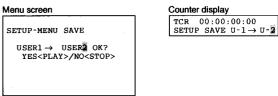
Setup Menus

Saving a user file

- 1 Press the MENU button.
- Press the FF or REW button while the STANDBY button is held down and select USFR1.
- Rotate the search dial, and move the cursor (*) on the menu screen to No. A01 (SAVE).

SETUP-MENU	MENU	
<user1></user1>	NO.A00	- 0000
804 BLANK	LINE	BLANK
A00 LOAD		USER2
*A01 SAVE		USER2
A02 P.ON	LOAD	OFF
END		
1		

- Rotate the search dial while the search button is held down, and select the user file in which the USER1 settings are to be saved. User files which have been set to the lock mode will not be displayed at this time. If all the user files are set to the lock mode, the "LOCKED" display appears, and the save operation cannot be performed.
- Press the SET button. The following messages now appear on the menu screen and counter display.



The number of the user file selected in step 4 is displayed in the shaded

- Press the PLAY button. The USER1 settings are saved in the user file selected in step 4. If the STOP button is pressed instead, the USER1 menu display appears with its settings remaining unchanged.
- Rotate the search dial, and move the cursor (*) on the menu screen to any item except No. A00 (LOAD) or No. A01 (SAVE).
- Press the SET button. The USER1 settings are now stored in the memory.

 If they are not going to be stored in the memory, press the MENU button instead of the SET button.

Automatically calling a user file when the power is turned on

If the user file to be loaded is set in advance using setup menu item No. A02 (P.ON LOAD), the file will be loaded into USER1 automatically when the power is turned on.

Setup (Setting) Menus

SYSTEM menu

<SYSTEM>

	Item	,	Setting	
No.	Superimposed display	No.	Superimposed display	Description
00	WFM SEL	0000	CTL	This enables various signals to be output from the VIDEO
		0001	TC	OUT2 output connector.
		0002	VIDEO	0: The CTL signal is output.
		0003	SYNC	The time code signal is output.
		0004	RF L1	2: The video output signal is output.
		0005	RF L2	3: The sync signal is output.
		0006	RF R1	4: The PB L13ch RF signal is output. 5: The PB L24ch RF signal is output.
ļ		0007	RF R2	6; The PB R13ch RF signal is output.
1		0008	RF DL	
		0009	RF DR	
		0010	ENV L1	9: The DV R12ch RF signal is output.
	i	0011	ENV L2	10: The PB L13ch ENV signal is output.
		0012	ENV R1	11: The PB L24ch ENV signal is output.
		0013	ENV_R2	12: The PB R13ch ENV signal is output.
		0014	ENV DL	13: The PB R24ch ENV signal is output.
		0015	ENV_DR	14: The DV L12ch ENV signal is output.
		00.0		15: The DV R12ch ENV signal is output.
11	SYS SC	0000	-127	System phase adjustment: total variable range = more than
		:	:	±180 degrees
		.0127	0	-: Advanced
	1		:	+: Delayed
		0255	128	Note> The setting will remain unchanged even if an operation is
				performed to restore the factory setting.
12	SYSH	0000	-108	System phase adjustment: 74 ns steps
	1	:		-: Advanced
		0108	<u> </u>	+: Delayed
i		:	1	Notes The setting will remain unchanged even if an operation is
		0216	108	performed to restore the factory setting.
13	VIDEO	0000	-32	Video phase adjustment: 148 ns steps
	PHASE		:_	-: Advanced
		0032	<u> </u>	+: Delayed
		0064	32	
	SCH	-		SCH phase adjustment: 90-degree increments
14		0000	90	-: Advanced
	COARSE	0001	180	+: Delayed
	1	0002		(The SC phase changes; the H phase does not change.)
<u></u>	-	0003		
15	SCH	0000	-32	CH phase adjustment: total variable range = more than ±45
	FINE			degrees (The SC phase changes; the H phase does not change.)
		0032	0	(The SC phase changes, the H phase does not change.)
		0064	32	
16	AV PHASE	0000	-100	This adjusts the phase of the audio output in relation to the
1		Li	1	video output phase: 20.8 μs steps.
1		-0100	0	-: The audio output phase advances ahead of the video
1		0000	100	output phase. +: The audio output phase lags behind the video output
		0200	100	phase.
ı	1	I	I .	pridae.

[&]quot;__" denotes the factory setting.

Setup menus

SYSTEM menu

<SYSTEM> (continued)

	Item Setting		Setting		
No.	Superimposed display	No.	Superimposed display	Description	
17	SYS H RANGE	0000 <u>000</u> 1	FULL FINE	This selects the variable range for SYSTEM H when the ENCODER REMOTE connector is connected. 0: ±8 µsec. 1: -2 to +2.7 µsec. Notes> • The setting will remain unchanged even if an operation is performed to restore the factory setting. • The FULL operation results regardless of this item's setting if SYSTEM H is varied using this unit instead of using the encoder remote controller.	
18	SYS H OFFSET	0000 0001 0002 0003 0004 0005 0006	-3 -2 -1 0 1 2 3	System phase adjustment 0: -13.4 usec. 1: -8.96 µsec. 2: -4.52 µsec. 3: 0 sec. 4: -4.52 µsec. 5: +8.96 µsec. 6: +13.4 µsec. <note> The setting will remain unchanged even if an operation is performed to restore the factory setting.</note>	
19	SYS SC/H	0000 0001	REMOTE LOCAL	This sets whether the system phase is to be adjusted by the unit or from the external encoder remote controller. O: The system phase is adjusted from the external encoder remote controller. I: The system phase is adjusted by the unit. Notes This setting does not take effect when the ENCODER CONTROL switch at the bottom of the front panel is set to LOCAL.	
30	MENU LOCK	<u>0000</u>	OFE ON	This selects whether the lock mode is to be set or released for the system file. 1: Lock is released (changes can be made). 1: Lock is set (no changes can be made). Note Setup menu item No. 00 (WFM SEL) can be changed at any time regardless of the setting of this menu item.	

[&]quot;__" denotes the factory setting.

Video output signal adjustments

The video output signal adjustments are made using the ENCODER CONTROL switch at the bottom of the front panel and the SYSTEM menu item No. 19 (SYS SC/H) setting. A control matrix of the adjustments is shown below.

	Setting	Adjustment item			
ENCODER CONTROL switch	SYSTEM menu item 19: SYS SC/H	11: SVS SC		VIDEO LEVEL CHROMA LEVEL SET UP HUE	
LOCAL	LOCAL	Unit		Unit	
	REMOTE		Always FULL regardless of setting		
REMOTE	LOCAL	Unit	1	External encoder remote controller	
	REMOTE	External encoder remote controller	FULL/FINE		

<BASIC>

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
000	P-ROLL TIME	0000 0005 0015	0S : 5S : 15S	This sets the time for the preroil which is initiated by the PREROLL button. It can be set from 0 to 15 seconds in 1-second increments.
001	LOCAL ENA	0000 0001 0002	DIS ST&EJ ENA	This selects the buttons which can be operated on the front panel when the REMOTE/LOCAL switch has been set to REMOTE. 0: No buttons can be operated. 1: Only the STOP and EJECT buttons can be operated. 2: All the buttons can be operated.
002	TAPE TIMER	0000 0001	<u>±12h</u> 24h	This selects the 12- or 24-hour display for the CTL counter. 0: 12-hour display 1: 24-hour display
003	REMAIN SEL	0000 0001	OFF ON	This selects whether to indicate the remaining tape time (REMAIN) on the front panel display and the superimposed display at the VIDEO OUT 3/SERIAL OUT 3 connectors. ©: Remaining tape time is not displayed. 1: Remaining tape time is displayed. **Notea>** The remaining tape time is indicated at the far right of the second digit on the front panel display and superimposed display. Even when 1 (ON) has been selected, the remaining tape time is not displayed while it is being calculated after the cassette has been ejected or inserted. When TIME has been selected as the setup menu item No. 008 (DISPLAY SEL) setting, the time is not indicated on the superimposed display. No display appears if the freeze mark (F) is indicated by the setup menu item No. 111 (FRZ MODE SEL) setting. No display appears if the tape start or end is sensed and BOT or EOT is displayed.
004	SETUP NUMBER	0000 0001	OFE ON	This selects whether the SETUP MENU No. is to be displayed on the front panel. 1. The SETUP MENU No. is not displayed. 1. The SETUP MENU No. is displayed.
007	SUPER	0000 0001	OFF ON	This selects whether the time code and other superimposed displays are to be shown at the VIDEO OUT 3/SERIAL OUT 3 connector. O: Superimposed displays are not shown. Superimposed displays are shown.

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<BASIC> (continued)

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
008	DISPLAY SEL	0000 0001 0002 0003 0004 0005 0006	TIME TASTA TASSAM TASAM TART TAYMD TAMDY TAMDY	This selects what information is to be provided by the tim code and other superimposed displays at the VIDEO OUT 3 SERIAL OUT 3 connector. 0: Time only 1: Time and operating mode 2: Time, operating mode and mode 3: Time and REC TIME 4: Time and REC DATE (year/month/day) 5: Time and REC DATE (day/month/year) 6: Time and REC DATE (day/month/year) - Notes> 1. Displayed as the mode is DVCPRO_50 for the DVCPRO (50 Mbps) format, DVCPRO for the DVCPRO (25 Mbps format or DV for the DV format. 2. An error message appears if a warning or error ha occurred when 2 (T&S&M) has been selected as thi setting. 3. REC TIME and REC DATE are displayed during D' playback only. With the DVCPROSO (50 Mbps) ormat, the operating mode is displayed.
009	CHARA H-POS	0000 :: 0004 :: 0015	0 :- 4 :- 15	This sets the horizontal position of the characters for the tim code and other superimposed displays of the VIDEO OUT 3 SERIAL OUT 3 connector. Note: When this item is set, the time code and other superimpose displays are output to VIDEO OUT 3/SERIAL OUT 3 in th DISPLAY SEL status even if SUPER OFF has been set. However, when the menu is exited, operation complies wit the SUPER OFF/ON setting. Furthermore, CHARA TYPE as set in the menu is output the VIDEO OUT 3.
010	CHARA V-POS	525 mc 0000 :: 0018 :: 0022 625 mc 0000 :: 0023 :: 0028	0 :: 18 :: 22	This sets the vertical position of the characters for the time code and other superimposed displays of the VIDEO OUT 3 SERIAL OUT 3 connector. Notes> When this item is set, the time code and other super imposed displays are output to VIDEO OUT 3/SERIAL OUT 3 in the DISPLAY SEL status even if SUPER OFF has been set. However, when the menu is exited, operation compiles with the SUPER OFF/ON setting. When the DISPLAY SEL setting causes characters to extend beyond the edges of the screen, the setting is changed in such a way that the characters are automatically displayed at a position where they are contained within the screen.

[&]quot;__" denotes the factory setting.

<BASIC> (continued)

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
011	CHARA TYPE	0000 0001	WHITE W/OUT	This selects the display type for the superimposed displays of the VIDEO OUT 3/SERIAL OUT 3 connector, the setup menus, etc. O: White characters against a black background 1: White characters with a black border
012	SYS FORMAT	0000 0001	<u>50M</u> 25M	This sets the playback format. 0: The DVCPRO50 (50 Mbps) format is selected. 1: The DVCPRO (25 Mbps) format is selected.
013	PB FORMAT	0000 0001	_MANUAL AUTO	This sets the tape playback format. O: The format complies with the setup menu item No. 012 (SYS FORIMAT) setting. 1: The format complies with the format recorded on the tape when the DVCPRO mode has been selected as the setup menu item No. 014 (FORIMAT SEL) setting. Notes There is no automatic setting in the 525/625 mode.
014	FORMAT SEL	0000 0001	_DVCPRQ DV	This selects the format when an L size cassette is used. 0: DVCPRO (50 Mbps, 25 Mbps) mode 1: DV mode Notes> Bear in mind that the following problems may arise over and above trouble with playback if a tape with a different format from the one selected is inserted. 1. The remaining tape time will not be displayed accurately. 2. The slow-down positions near the tape start and end will not be located accurately. 3. In addition, no guarantees are given for performance, etc. if a tape with a different format from the one selected is inserted.
016	CU-ROLL TIME	0000 : 0015	<u>0s</u> : 15s	This sets the time for the preroll which is initiated by the CUE UP button. It can be set from 0 to 15 seconds in 1-second increments.

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<OPERATION>

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
100	SEARCH ENA	0000 0001	DIAL KEY	This selects the direct search dial operation. 0: For direct search dial operations. 1: Operation is not transferred to the search mode unless the search button is pressed.
101	SHTL MAX	0000 0001 0002	×8.4 _ <u>×16</u> ×32	This sets the maximum speed for shuttle operations. 0: 8.4x (7.0x) normal speed 1: 16x normal speed 2: 32x normal speed Note- The values for the DV format are shown in parentheses.
102	FF. REW MAX	0000 0001 0002	×16 _x32 ×50	This sets the maximum speed for FF and REW operations. 0: 16x (32x) normal speed 1: 32x (60x) normal speed 2: 50x (100x) normal speed Notes The values for the DVCPRO (25 Mbps) format are shown in parentheses. With the DV format, the maximum speed is set to 32x regardless of this item's settings.
103	AUDIO MUTE	0000 0001	<u>OFF</u> ON	This sets the status that is established until the audio signals are output when operation is transferred from the STOP or search mode to PLAY. 0: The time until the sound is output is shortened. 1: The sound is output only after the status transfer is completed. Notes When this item is set to 0, the sound in the part which is output at the beginning will be imperfect. Therefore, this setting is not recommended for use with broadcasts.
104	REF ALARM	0000 _0001	OFF ON	This selects whether to display a warning for the operator when the REF.VIDEO signal has not been connected. 0: A warning is not displayed. 1: A warning is displayed in the form of a flashing STOP lamp.
107	PLAY DELAY	0000	0 : 15	This sets the play startup time in frame increments.
108	CAP.LOCK	0000 _0001	4F 8F	This selects the CAPSTAN LOCK mode when the CF switch has been set to 4F or 8F. 0: 4F mode Notes This setup menu item is not displayed in the 525 mode.
109	AUTO REW	<u>0000</u> 0001	OFF ON	This selects whether to rewind the tape automatically to the tape start when the tape end has been detected. 1: The tape stops at the tape end. 1: The tape is rewound to the tape start.

[&]quot;__" denotes the factory setting.

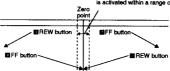
<OPERATION> (continued)

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
110	MEMORY STOP	<u>0000</u> 0001	OFF ON	This selects whether the VTR is to stop automatically when the counter value reaches "0" during fast forwarding or rewinding in the CTL mode. 0: The VTR does not stop. 1: The VTR stops automatically. *Notes> 1. The stop mode concerned is either the stop or still-picture (SHTL STILL) mode depending on the setup menu item No. 315 (AFTER CUE-LUP) setting. 2. When the AUTO REW function and MEMORY function have been selected at the same time, the AUTO REW function takes precedence.
111	FRZ MODE SEL	0000 0001 0002	DIS STBOFF SOF&EJ	This selects the image which is to be output in the STANDBY OFF (HALF LOADING) mode and EJECT mode. 0: The video output is muted. 1: In the STANDBY OFF (HALF LOADING) mode only, the playback picture corresponding to the point in time when the STANDBY OFF mode was established is frozen and output. 2: In the STANDBY OFF (HALF LOADING) and EJECT mode, the playback picture corresponding to the point in time when the mode was established is frozen and output. Note:

[&]quot;__" denotes the factory setting.

Description of memory stop function

The memory stop function does not work if it is activated within a range of 0 ± 2 frames.



- When the FF button is pressed, the VTR performs the regular fast forward operation since the zero point is not located in the direction of operation.
- When the REW button is pressed, the PREROLL lamp lights (the SHTL lamp also lights), the VTR proceeds with the preroil operation, and it automatically stops when it reaches the position where the counter reads "0."
 When the REW button is pressed, the VTR performs the regular rewind operation since the zero point is not located in the
- direction of operation.
- When the FF button is pressed, the PREROLL lamp lights (the SHTL lamp also lights), the VTR proceeds with the preroll operation, and it automatically stops when it reaches the position where the counter reads "0."

Setup menus

USER menus

<INTERFACE>

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
200	PARA RUN	0000 0001	DIS ENA	This selects whether two or more VTRs are to be operated in synchronization. 1: The VTRs are not operated in synchronization. 1: The VTRs are operated in synchronization. Note- When the VTRs are to be operated in synchronization, set item 200 to "1" for all the VTRs.
201	9P SEL	0000 _0001	OFF ON	This selects whether the 9P connector is to function when the REMOTE/LOCAL switch has been set to REMOTE. 0: The 9P connector does not function. 1: The 9P connector functions.
202	ID SEL	<u>0000</u> 0001	OTHER DVCPRO	This selects the ID Information which is returned to the controller. 0: 20 25H in the 525 mode; 21 25H in the 625 mode 1: ID inherent to DVCPRO F0 33H in the 525 mode; F1 33H in the 625 mode
203	25P SEL	0000 0001	OFF ON	This selects whether the PARALLEL (25P) connector is to function when the REMOTE/LOCAL switch has been set to REMOTE. 0: The 25P connector does not function. 1: The 25P connector functions.
204	RS232C SEL	<u>0000</u> 0001	OFE ON	This selects whether the RS-232C connector is to function when the REMOTE/LOCAL switch has been set to REMOTE. 0: The RS-232C connector does not function. 1: The RS-232C connector functions.
205	BAUD RATE	0000 0001 0002 0003 0004 0005	300 600 1200 2400 4800 9600	This sets the RS-232C communication speed (baud rate).
206	DATA LENGTH	0000 0001	7 8	This sets the RS-232C data length (unit: bit).
207	STOP BIT	0000 0001	1	This sets the RS-232C stop bit length (unit: bit).
208	PARITY	0000 0001 0002	NON ODD EVEN	This sets none, odd or even for the RS-232C parity bit. 0: Parity bit is not used. (None) 1: An odd number of bits is used for the parity. (Odd) 2: An even number of bits is used for the parity. (Even)
209	RETURN ACK	0000 <u>0001</u>	OFF ON	For selecting whether the ACK code is to be returned when a command is received from RS-232C. O: ACK code is not returned. 1: ACK code is returned.
210	25P STBY CMD	_0000 0001	OFF/ON ON	This selects the method used in connection with detecting the STANDBY COMMAND signal input at the PARALLEL (25P) connector. 0: Each time an active signal is detected, the mode is switched from STANDBY ON to STANDBY OFF or vice versa. 1: When an active signal is detected in the STANDBY OFF mode, operation is transferred to the STANDBY ON mode. This setting has no effect on operation while the unit is in the STANDBY ON mode.

[&]quot;__" denotes the factory setting.

<EDIT>

	Item		Setting	
No.	Superimposed display	No.	Superimposed display	Description
315	AFTER CUE-UP	0000 0001	STOP STILL	This selects the unit's mode upon completion of the cue-up operation. 0: The unit is set to the stop mode. 1: The unit is set to the still-picture (SHTL STILL) mode.
319	VAR STEP	0000 0001	FINE COARSE	This selects the VAR speed above ±1x for remote control operations. 0: The tape is played at a speed which can be varied in fine steps. 1: The tape is played at a speed which can be varied in coarse steps. Note> Phase synchronization from the editing controller is not possible at the "1" (COARSE) setting.
320	VAR FWD MAX	0000 0001 0002	+1.85	This sets the maximum VAR FWD speed. 0: DVCPROS0 (50 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DV = +3.1× normal speed 1: DVCPROS0 (50 Mbps) = +1.85× normal speed DVCPRO (25 Mbps) = +2× normal speed DV = +1.85× normal speed 2: +1× normal speed -Notes Phase synchronization from the editing controller is not possible at a setting other than "0" (+4.1).
321	VAR REV MAX	0000 0001 0002	-1.85	This sets the maximum VAR REV speed. 0: DVCPROS0 (50 Mbps) = -4.1× normal speed DVCPRO (25 Mbps) = -4.1× normal speed DV = -3.1× normal speed 1: DVCPROS0 (50 Mbps) = -1.85× normal speed DVCPRO (25 Mbps) = -2× normal speed DVCPRO (25 Mbps) = -2× normal speed DV = -1.85× normal speed 2: -1× normal speed 2: -1× normal speed 4Note> Phase synchronization from the editing controller is not possible at a setting other than "0" (-4.1).
322	JOG STEP	0000 0001		This selects the JOG speed during remote control operations. 0: The tape is played at a speed which can be varied in fine steps. 1: The tape is played at a speed which can be varied in coarse steps. -Note> Phase synchronization from the editing controller, which synchronizes the phase using the JOG command, is not possible at the "1" (COARSE) setting.
323	JOG FWD MAX	0000 0001 0002	+1.85	This sets the maximum JOG FWD speed. 0: DVCPROS0 (50 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DV = +3.1× normal speed 1: DVCPROS0 (50 Mbps) = +2× normal speed DVCPRO (25 Mbps) = +2× normal speed DV = +1.85× normal speed 2: +1× normal speed 2: +1× normal speed -4Notes -4 Notes -4 No

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<EDIT> (continued)

Item			Setting	
No.	Superimposed display	No.	Superimposed display	Description
324	JOG REV MAX	0000 0001 0002	-4.1 -1.85 -1	This sets the maximum JOQ REV speed. 0: DVCPROS (58 Mbps) = -4.1× normal speed DVCPRO (58 Mbps) = -4.1× normal speed DVCPRO (58 Mbps) = -4.1× normal speed DVCPRO (56 Mbps) = -1.85× normal speed DVCPRO (25 Mbps) = -2× normal speed DVCPRO (25 Mbps) = -2× normal speed DV = -1.85× normal speed ONOtes> When the dial is operated on the front panel, the maximum speed is -1× normal speed for the DVCPRO50 (50 Mbps) and DV formats. With the DVCPRO (25 Mbps) format, it is -2× normal speed at "0" or "1" and -1× normal speed at "2" depending on the menu setting. Phase synchronization from the editing controller which synchronizes the phase using the JOG command is not possible when a setting other than 0 (-4.1) is used.

<TAPE PROTECTS

	Item Setting		Setting	
No.	Superimposed display	No.	Superimposed display	Description
400	STILL TIMER	0000 0001 0002 0003 0004 0005 0006 0007	0.5s 5s 10s 20s 30s 40s 50s 1min 2min	This selects the time taken until the tape protection mode is established when the unit has been left standing in the stop of search still (JOG/VAR/SHTL) mode. (Unit: s = second, min = minute) <note> Note> When a DV tape for general consumer applications is used any setting above 10 seconds will be treated as 10 seconds. However, the selection screen will show operations up to 2 minutes.</note>
401	SRC PROTECT	0000	STEP HALF	When the time selected as the setup menu item No. 400 (STILL TIMER) setting elapses while the unit is in the search STILL (JOG/VAR/SHTL) mode, the unit automatically enters tape protection mode. This menu item is for selecting which tape protection mode is to be entered by the unit. O: STEP FWD 1: HALF LOADING Notes When STEP FWD has been selected, the STANDBY OFF (HALF LOADING) mode will automatically be established when the total time during which the unit has been let standling in the still status has reached 30 minutes (or minute for a DV tape).
402	DRUM STDBY	0000		This selects whether the head drum is to be rotated whe operation is transferred to the STANDBY OFF (HALL LOADING) mode. 1: The head drum is stopped. 1: The head drum is rotated.
403	STOP PROTECT	0000 0001	STEP HALF	When the time selected as the setup menu item No. 40 (STILL TIMER) setting elapses while the unit is in the STO mode, the unit automatically enters a tape protection mode it to be entered by the unit. O: STEP FWD 1: HALF LOADING Note> When STEP FWD has been selected, the STANDBY OF (HALF LOADING) mode will automatically be establishe when the total time during which the unit has been le standing in the stop status has reached 30 minutes (or minute for a DV tape).

<Pre><Pre>caution for STILL
TIMER setting>
The cumulative standby
time at the same position increases when programs are transmitted or at other times when the same ma-terial is used repeatedly,

[&]quot;_" denotes the factory setting. - 44 -

<TIME CODE>

| | Item | Setting | | |
|-----|----------------------|--------------|----------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 500 | VITC
BLANK | 0000
0001 | BLANK
<u>THRU</u> | This selects whether to output the VITC data to the positions selected by VITC POS-1 in 501 and VITC POS-2 in 502. 1: The data is not output. 1: The data is output. |
| 501 | VITC
POS-1 | 525 mc | ode
10L
: | This sets the position where the VITC signal is to be inserted. (The same line as for VITC POS-2 in 502 cannot be selected.) |
| | | 0006 | 16L | |
| | | 0010 | 20L | |
| | | 625 m | ode 7L | |
| | | : | : | |
| | | 0004 | | |
| | | 0015 | 22L | |
| 502 | VITC | 525 m | ode | This sets the position where the VITC signal is to be inserted. |
| | POS-2 | 0000 | 10L | (The same line as for VITC POS-1 in 501 cannot be selected.) |
| | | 8000 | 1 <u>8L</u> | |
| |] | 0010 | 20L | |
| | 1 | 625 m | | |
| | | 0000 | 7L | |
| | | 0006 | 13L | |
| | | 0015 | 22L | |
| 507 | PHASE
CORR | 0000
0001 | OFF
ON | This selects whether to control the phase correction of the LTC output during playback. O: Phase correction control is not performed. Phase correction control is performed. |
| 509 | DF MODE | 0000
0001 | DE
NDF | This selects the DF or NDF mode for CTL. 0. Drop frame mode 1. Non-drop frame mode Notes> • This item is valid when the unit is in the LOCAL mode or when "ENA" is selected as the menu setup item No. 004 (LOCAL ENA). • This setup menu item is not displayed in the 625 mode. |
| 511 | VITC OUT | 0000
0001 | <u>SBC</u>
VAUX | This selects the method of outputting VITC which is super-
imposed onto the video output signals.
SBC: The time code recorded in the SBC area is output as
the VITC.
VAUX: The time code recorded in the VAUX area is output as
the VITC. |

[&]quot;__" denotes the factory setting.

SBC (Sub Code Data) area

This area is separate from the video and audio data area on the helical track. It is used to store the time codes complying with the SMPTE/EBU standard. As with the conventional linear time code (LTC), the time code can be read even during rewinding or fast forwarding. It can also be read when the tape has stopped.

VAUX (Video Auxillary Data) area
This area is located in the video data area on the helical track. It is used to store the auxiliary data relating to the

Control over the time code and user bit during tape play is exercised using the data recorded in the SBC area. In other words, data recorded in the SBC area is used as the source of the data which is displayed or superimposed or the data which is sent to the editing controller.

- 45 -

Setup menus

USER menus

<VIDEO>

| | Item | | Setting | |
|-----|----------------------|---------------|----------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 602 | V-MUTE
SEL | 0000
_0001 | N-MUTE
LOW RF | This selects whether the video output signal is to be muted when a blank part of the tape has been detected during playback. 0: The video signal is not muted (it is frozen). 1: The video signal is muted (it is turned to gray). |
| 603 | CC (F1)
BLANK | 0000
_0001 | BLANK
THRU | This selects ON or OFF for the closed caption signal in the first field. 0: The signal is forcibly blanked. 1: The signal is not forcibly blanked. Note: This setup menu item is not displayed in the 625 mode. |
| 604 | CC (F2)
BLANK | 0000
0001 | BLANK
THRU | This selects ON or OFF for the closed caption signal in the second field. 0: The signal is forcibly blanked. 1: The signal is not forcibly blanked. Notes. Notes. |
| 605 | FREEZE
SEL | 0000
0001 | FIELD
FRAME | This selects the freeze mode for still pictures. 0: Field freeze 1: Frame freeze <note> When frame freeze has been selected, the frame slow status is established in the slow-motion mode.</note> |
| 606 | OUT C
KILL | 0000
0001 | B/W
COLOR | This selects the chroma color killer processing for the video output signals. 0: The signals are forcibly processed as black-and-white signals. 1: The signals are automatically processed. |
| 609 | EDH | 0000
0001 | OFF
ON | This selects whether to superimpose EDH onto the serial output signals. 0: EDH is not superimposed. 1: EDH is superimposed. |
| 614 | Pb/Pr OUT
LV | 0000
0001 | MII
B-CAM | This selects the analog component output level. 0: MII level 1: Betacam level Note This setup menu item is not displayed in the 625 mode. |
| 618 | INTER-
POLATE | 0000
0001 | OFF AUTO | During slow-motion playback, vertical interpolation is per-
formed automatically to reduce the up and down movement of
the playback picture. However, this setting can be used to
forcibly turn off this interpolation.
0: The interpolation is forcibly turned off.
1: The interpolation is automatically turned on during slow-
motion playback. |
| 620 | ESR MODE | 0000
0001 | OFF
AUTO | This selects the operation mode of the edge subcarrier reduction (ESR) in the playback circuit. 0: ESR is forcibly turned off. 1: ESR is automatically turned on or off depending on the VTR operation. |
| 621 | CCR MODE | 0000
0001 | OFF
ON | This selects the cross-color processing during playback. 0: The signals which are output remain unchanged. 1: Cross-color can be reduced. <note> This setup menu item is not displayed in the 625 mode,</note> |

[&]quot;__" denotes the factory setting.

<VIDEO> (continued)

| | Item | | Setting | |
|------|----------------------|---------------------|----------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 622 | SETUP 25 | | | This selects the set-up level for the output signals in the DVCPRO (25 Mbps) mode. When the STOP button is pressed, operation transfers to the sub-screen, and the setup level is set for the outputs. Press the STOP button again to return from the sub-screen. <note> This setup menu does not appear in the 625 mode.</note> |
| Sub- | screen | | | |
| 01 | CMPST OUT | 0000
0001 | THRU
ADD | This selects the composite output signal. 0: The composite signal is output without the setup added. 1: The composite signal is output with a setup of 7.5% added. Note: Bear in mind the setting for sub-screen No.03 (CMPNT OUT) of set-up menu item No. 622 (SETUP 25). |
| 03 | CMPNT OUT | <u>0000</u>
0001 | <u>IHRU</u>
CUT | This selects how the composite, component and serial (digital) signals are to be output. 0: The signals are output as they are. 1: The signals are output with the 7.5% setup removed. |
| 623 | SETUP 50 | | | This selects the set-up level for the output signals in the DVCPRO (50 Mbps) mode. When the STOP button is pressed, operation transfers to the sub-screen, and the setup level is set for the outputs. Press the STOP button again to return from the sub-screen. <note:< td=""></note:<> |
| Sub∹ | screen | | | |
| 01 | CMPST OUT | <u>0000</u>
0001 | _THRU
ADD | This selects the composite output signal. 0: The composite signal is output without the setup added. 1: The composite signal is output with a setup of 7.5% added. Note> Bear in mind the setting for sub-screen No. 03 (CMPNT OUT) of setup menu item No. 623 (SETUP 50). |
| 03 | CMPNT OUT | 0000
0001 | | This selects how the composite, component and serial (digital) signals are to be output. 0: The signals are output as they are. 1: The signals are output with the 7.5% setup removed. |

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<AUDIO>

| | Item | - : | Setting | |
|-----|----------------------|-----------------------------|----------------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 706 | CH1 OUT
LV | 0000
<u>0001</u>
0002 | 4dB
<u>0dB</u>
-20dB | This selects the audio output (CH1) reference level switching. |
| 707 | CH2 OUT
LV | 0000
0001
0002 | 4dB
 | This selects the audio output (CH2) reference level switching. |
| 708 | CH3 OUT
LV | 0000
0001
0002 | 4dB
0dB
20 dB | This selects the audio output (CH3) reference level switching. |
| 709 | CH4 OUT
LV | 0000
0001
0002 | 4dB
0dB
-20 dB | This selects the audio output (CH4) reference level switching. |
| 710 | CUE OUT
LV | 0000
0001
0002 | 4dB
0dB
-20dB | This selects the cue output reference level switching. |
| 711 | MONIL
OUT
LV | 0000
0001
0002 | 4dB
0dB
20dB | This selects the audio monitor output (Lch) reference level switching. |
| 712 | MONIR
OUT
LV | 0000
0001
0002 | 4dB
<u>0dB</u>
-20dB | This selects the audio monitor output (Rch) reference level switching. |
| 713 | MONI
OUT | 0000
_0001 | UNITY
VAR | This selects the audio monitor output UNITY/VARIABLE reference level switching. 0: The volume is output in the form of the preset value. 1: The volume is linked with the headphones volume control. |
| 721 | MONI CH
SEL | 0000
0001
0002 | | This selects the monitor output. 0: The signals selected by the MONITOR SELECT switches are output. 1: PCM audio signals are output over a -1 to +1 (-2 to +2) range; otherwise, the cue signals are automatically output. 2: PCM audio signals are output in the play mode; otherwise, the cue signals are automatically output. 2: Notes - This menu item setting is valid when the L and R MONITOR SELECT switches on the front panel are set to CH1, CH2, CH3 or CH4. (If CUE is selected, the cue signal will be output at all speeds regardless of the menu item setting.) The speed applying for the DVCPRO (25 Mbps) format is given inside the parentheses. |
| 727 | PB FADE | 0000
0001
0002 | CUT | This selects the processing method for the audio edit points (IN and OUT points) during playback. 0: The processing complies with the status established during recording. 1: Forced CUT 2: Forced FADE |
| 728 | EMBEDDED
AUD | 0000
0001 | OFF
ON | This selects whether to superimpose the audio data onto the serial output. 0: The data is not superimposed. 1: The data is superimposed. |

[&]quot;__" denotes the factory setting.

<AUDIO> (continued)

| | Item | Setting | | |
|-----|----------------------|----------------------|-----------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 729 | MONITOR
MIX L | 0000
0001
0002 | OFF
CH1+2
CH3+4 | This makes it possible to select mixed signals for the monitor output. 0: No mixing 1: The CH1 and CH2 signals are mixed and output to the left channel. 2: The CH3 and CH4 signals are mixed and output to the left channel. |
| 730 | MONITOR
MIX R | 0000
0001
0002 | OFF
CH1+2
CH3+4 | This makes it possible to select mixed signals for the monitor output. O: No mixing 1: The CH1 and CH2 signals are mixed and output to the right channel. 2: The CH3 and CH4 signals are mixed and output to the right channel. |
| 731 | CUE OUT
SEL | <u>0000</u>
0001 | OFF
ON | This selects whether the cue signal is to be output to the main line output in the search mode. 0: The cue signal is not output. 1: The cue signal is output. (However, this applies only when setup menu item No. 721 (MONI CH SEL) is not set to MANU.) |
| 732 | CUE SLOW | 0000
0001 | STEP
LINEAR | This selects the tape travel status (cue track playback status) during the slow-motion playback. 0: The output picture takes precedence, and the tape is advanced in steps. 1: Cue track playback takes precedence and the tape travels linearly. Notes> When "1" (LINEAR) has been selected: • The image may not appear as clearly as in the STEP mode. • The CTL counter may not operate normally. |
| 734 | MONI SEL
INH | 0000
0001
0002 | OFF
ON
ON1 | This enables or disables the operation of the MONITOR SELECT switches on the front panel. 0: Operation is enabled. 1: Operation is disabled. 2: Operation is disabled in the FULL display mode; it is enabled in the FIVE display mode only. |
| 750 | DV PB ATT | 0000
0001 | OFF
ON | This selects the audio output level during DV playback. 0: The audio output level is not attenuated. 1: The audio output level is attenuated (reduced). |
| 751 | REC PT
MUTE | 0000
0001 | OFF
ON | This selects whether to mute the sound where recordings are joined during DV playback. O: The sound is not muted. 1: The sound is muted. |

[&]quot;__" denotes the factory setting.

Setup menus

USER menu

<V BLANK>

| Item | | Setting | | |
|-------|-----------------------|----------------------|-----------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 804 | BLANK LINE | 0000
0001
0002 | BLANK
THRU
MANU | This sets the blanking to ON or OFF for the lines in the vertical blanking period of the video output signals. 2. All the lines are forcibly blanked. 3. None of the lines are blanked. 2. Blanking is set ON or OFF for each line. 4.Notes When "2" (MANU) is selected, operation transfers to the sut screen when the STOP button is pressed, and ON or OFF car be selected for each line. To return from the sub screen, press the STOP button again. |
| Sub-s | screen | | | |
| 525 n | node | | | |
| 00 | LINE
10&273
: : | 0000
0001 | BLANK
THRU | 0: The line is torcibly blanked. 1: The line is blanked. |
| 11 | 21&284 | | | |
| 625 n | | | | |
| 00 | LINE
7&320
: : | 0000 | <u>BLANK</u>
THRU | O: The line is forcibly blanked. The line is blanked. |
| 15 | 22&335 | | | |

[&]quot;__" denotes the factory setting.

<MENU>

| Item | | Setting | | |
|------|----------------------|--------------------------------------|--|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| A00 | LOAD | 0000
0001
0002
0003 | USER2
USER3
USER4
USER5 | This selects the user file whose settings are to be loaded into USER1. 0: The contents of the USER2 file are loaded. 1: The contents of the USER3 file are loaded. 2: The contents of the USER4 file are loaded. 3: The contents of the USER5 file are loaded. Notes When the SET button is pressed upon completion of the loading, the settings in the file are stored in the memory. If the MENU is pressed instead, the settings will not be changed. |
| A01 | SAVE | 0000
0001
0002
0003
0004 | USER2
USER3
USER4
USER5
LOCKED | This selects the user file in which the USER1 settings are to be saved. 0: The USER1 settings are to be saved in the USER2 file. 1: The USER1 settings are to be saved in the USER3 file. 2: The USER1 settings are to be saved in the USER4 file. 3: The USER1 settings are to be saved in the USER5 file. 4: The "LOCKED" display appears when the change prohibit status has been established for all the files. Notes> A user file for which change prohibit is set cannot be selected. When the change prohibit status has been established for all the files, the "LOCKED" display appears, and the saving operation cannot be performed. |
| A02 | P.ON LOAD | 0000
0001
0002
0003
0004 | OFF
USER2
USER3
USER4
USER5 | This selects the user file whose settings are to be loaded into USER1 when the power is turned on so that the unit will start up with these settings. 0: The unit is started up with the settings in the user file which was previously set. 1: The settings of USER2 are loaded in USER1 and the unit starts with these settings. 2: The settings of USER3 are loaded in USER1 and the unit starts with these settings. 3: The settings of USER4 are loaded in USER1 and the unit starts with these settings. 4: The settings of USER5 are loaded in USER1 and the unit starts with these settings. |
| A03 | MENU LOCK | 0000
0001 | OFF
ON | This selects whether the lock mode is to be set or released for the user files (USER2 to USER5). 0: The lock is released (changes to the files can be made). 1: The lock is set (no changes to the files can be made). Note. The lock cannot be set for USER1. |

[&]quot;__" denotes the factory setting.

<Notes>

- Menu items No. A00 (LOAD), No. A01 (SAVE) and No. A02 (P.ON LOAD) can be set for the USER1 file only. They will not appear for the USER2 to USER5 files.
- Menu item No. A03 (MENU LOCK) can be set for the USER2 to USER5 files only.
 It will not appear for the USER1 files.

Time Code/User Bit

Time code

The time codes are used when their values are to be read by the time code reader (time code signal reader) and the absolute position of the tape is to be displayed in increments of hours, minutes, seconds and frames.

The time codes are written in the sub-code area (data area) of the helical track. They enable the VTR's playback speed to be read from the stop mode to slow-motion playback up to high-speed speed play (approx. 50× normal speed or approx. 100× when a DVCPRO tape is used).

The time code values are shown on the display or superimposed.

User bit

The "user bit" refers to the 32-bit (8-digit) data frame among the time code signals which has been released to users.

Time Code/User Bit Playback

1 Set the unit to the stop mode.

2 Set the TC/CTL button to TC.

Set the TC/UB switch to TC or UB.

TC: The time code is displayed.

UB: The user bit is displayed.

 When it is no longer possible to read the time code, it is interpolated using the CTL signal.

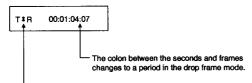
Press the PLAY button.

Playback now commences, and the time code appears on the display.

When "ON" has been selected as the setup menu item No. 007 (SUPER), the time code value is superimposed onto the video signal from the VIDEO OUT 3 connector.

<Notes>

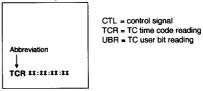
- The colon between the seconds and frames changes to a period when the drop frame time code is read.
- When the time code signal is missing, it is automatically compensated for using the CTL signal. In this case, the following display appears.



When the time code signal is missing, an asterisk (*) appears here.

Superimpose Screen

The control signals, time code, etc. are displayed using abbreviations.



TV monitor

Characters displayed

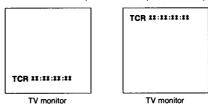
The background of the characters superimposed on the display can be changed using setup menu item No. 011 (CHARA TYPE).



TV monitor

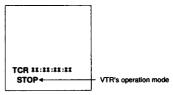
Display position

The position of the characters superimposed on the display can be changed using setup menu items No. 009 (CHARA H-POS) and No. 010 (CHARA V-POS).



Operation mode

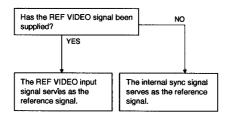
The VTR's operation mode can also be displayed using setup menu item No. 008 (DISPLAY SEL).



TV monitor

Servo Reference

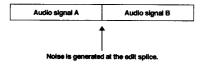
This unit automatically selects the reference video signal which is supplied from the REF VIDEO input connector or the internal sync signal (INT) as the servo reference signal. When the signal is selected, the unit's mode and servo reference setting stand in the relationship shown in the flowchart presented below.



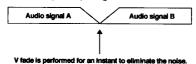
Audio V Fade Function

When a tape is edited, the information on the edit point splicing method selected is recorded on the tape. This information is therefore sensed when the tape is inserted and played back, and V fade or cut processing is automatically performed for these sections [but only when "AUTO" has been set as the playback fade selection (setup menu item No. 727)].

When "CUT" is set as the edit point splicing method



When "FADE" is set as the edit point splicing method



<Notes>

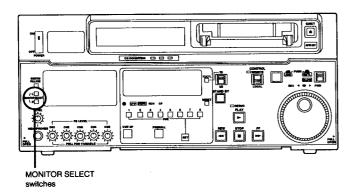
- When "CUT" is set as the edit point splicing method (setup menu item No. 727), cut processing is performed for all the splices.
- When "FADE" is set as the edit point splicing method (setup menu item No. 727), V fade processing is performed for all the splices.

Selecting the Audio Monitor Output

Monitor output channels

The monitor output channels can be selected using the MONITOR SELECT switches as shown below.

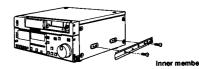
| Monitor output | Output signals |
|----------------|-------------------------------------|
| L | CH1/CH2/CH3/CH4/CH1+CH2/CH3+CH4/CUE |
| R | CH1/CH2/CH3/CH4/CH1+CH2/CH3+CH4/CUE |



Rack Mounting

The unit can be mounted into a 19-inch standard rack if the AJ-MA75P rack-mounting adapters (optional accessory) are used. For the installation rails, it is recommended that the rail and bracket for 18" length (model number CC3061-99-0400) of CHASSIS TRAK be used. (The complete slide rail and bracket unit is not available from Panasonic.) For further details, consult with your dealer.

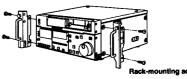
- Remove the screws on the left and right sides of the unit.
 - Use the screws which have just been removed to attach the inner members of the slide



The length of the screws used is subject to restriction. If some of the mounting screws have been lost or misplaced, use screws which are less than 2/5" long in their place. Four screws must be used to secure each inner member.

- Attach the outer member brackets to the rack.

 Check that the height is the same for the left and right brackets.
- Attach the AJ-MA75P rack-mounting adapters with the four screws supplied.



Remove the four rubber feet from the bottom of the unit, and install the unit in the rack.

After the unit has been installed, check that it moves smoothly along the rails.



-Notes-

- Keep the temperature inside the rack to between 41°F and 104°F (5°C and 40°C).
- · Bolt the rack securely to the floor so that it will not topple over when the VTR is drawn out.

Video Head Cleaning

This unit has an auto head cleaning function which automatically reduces the dirt on the heads. However, to further increase the unit's reliability, it is recommended that its video heads be cleaned every day.

Use the cleaning fluid designated by Panasonic.

Condensation

Condensation forms due to the same principle involved when droplets of water form on a window pane of a heated room. This phenomenon occurs when the unit or tape is moved between places where the temperature or humidity varies greatly or when, for instance:

- It is moved to a very humid place full of steam or a room immediately after it has been heated up.
- It is suddenly moved from an air-conditioned location to a hot or humid location.

When moving the unit or tape to locations such as these, leave it standing for about 10 minutes instead of switching on the power immediately.

If condensation has formed on or in the unit, the AUTO OFF lamp lights, and the cassette tape is automatically ejected.

Keep the power supplied and wait until the AUTO OFF lamp goes off.

■ Maintenance

Before proceeding with maintenance, be absolutely sure to set the power switch to OFF and take hold of the power plug and unplug it from the power outlet.

Use a soft cloth to clean the cabinet. In the case of stubborn dirt, dilute some kitchen detergent, soak a cloth in the solution, wring it out well, and wipe the surfaces clean. Then wipe up the remaining moisture using a dry cloth.

Error Messages

When a warning occurs in this unit, the warning lamp lights up.

Open the DIAG menu. A description of the warning will now appear on the counter display and TV monitor. In addition, if trouble has occurred in the operation of the unit, the AUTO OFF lamp lights, and a message appears on the counter display.

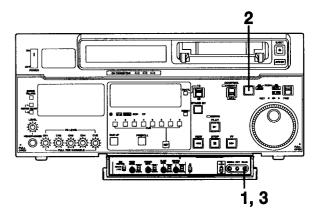
DIAG menu

This displays the VTR information.

The VTR information includes the warning information, the deck's serial number, and hour meter (usage time) information. The DIAG menu appears on the TV monitor when the TV monitor has been connected to the VIDEO OUT 3 connector on the connector panel.

Displaying the DIAG menu

- 1 Press the DIAG button.
 - The DIAG menu screen appears on the TV monitor, and a message appears on the counter display.
- Each time the search button is pressed, the display is switched to the warning information, the deck's serial number and hour meter information in this order.
- Press the DIAG button to return to the original display.



Warning information display

- A warning message appears whenever a warning occurs (the warning lamp lights). When a warning has not occurred, "NO WARNING" is displayed.
- When more than one warning has occurred, a description of each warning can be checked by turning the search dial.

Displaying the hour meter information

Turn the search dial to move the cursor (*), and a description of the item where the cursor is located will appear on the counter display.

| Item No. | Item | Description |
|----------|-------------|--|
| Ser | ****** | This displays the deck's serial number. |
| H00 | OPERATION | This displays the number of hours during which the power has been supplied in 1-hour units. |
| H01 | DRUM RUN | This displays the number of hours during which the drum has been rotating in 1-hour units. |
| H02 | TAPE RUN | This displays the number of hours during which the tape has traveled in the FF, REW, PLAY and SEARCH (JOG, VAR, SHTL) modes in 1-hour units. |
| H03 | THREADING | This displays the number of times the tape has been threaded and unthreaded in 1-time units. |
| H11 | DRUM RUN r | This displays the number of hours during which the drum has been rotating in 1-hour units. (The display can be reset.) |
| H12 | TAPE RUN r | This displays the number of hours during which the tape has traveled in the FF, REW, PLAY and SEARCH (JOG, VAR, SHTL) modes in 1-hour units. (The display can be reset.) |
| H13 | THREADING r | This displays the number of times the tape has been threaded and unthreaded in 1-time units. (The display can be reset.) |
| H30 | POWER ON | This displays the number of times the power has been turned on in 1-time units. |

<Notes:

- The hour meter information items which can be reset are reset by the dealer when maintenance work, etc. has been performed.
- · Operations involving the search button and search dial cannot be performed while the DIAG menu is displayed.

If "T&S&M" has been selected as the setup menu item No. 008 (DISPLAY SEL) setting, the message will appear on the mode display area when a warning or error has occurred. When two or more warnings or errors have occurred, they are displayed in sequence of priority starting with the one which has the highest priority.

| Priority | Display | Description |
|----------|---|---|
| High | Error messages
(see error message table) | When trouble has occurred in the operation of the unit, the AUTO OFF lamp lights, and an error message is displayed. |
| | ILLEGAL REF | When illegal signals, which are not black burst or other composite signals complying with the broadcast standards (525: RS-170A, 625: CCIR624), have been supplied to the REF VIDEO input connector, the message shown on the left may appear depending on the signal concerned. Since, in a case like this, it cannot be guaranteed that the VTR will operate properly, eject the cassette and turn off the power. Check the REF VIDEO signals before turning the power back on. <note> The tape will not be damaged even when this message appears.</note> |
| ↓
Low | Warning messages
(see error message table) | When a warning occurs, the warning lamp lights, and a warning message is displayed. When two or more warnings have occurred, they are displayed in sequence of priority starting with the one which has the highest priority. |

Warning messages

| Priority | On counter display
and TV monitor | Description | VTR operation | |
|----------|--------------------------------------|---|------------------------------|--|
| N | FAN STOP | This appears when the fan motor has stopped. | The VTR continues operating. | |
| | NO RF | This appears when a blank portion of the tape lasting more than 1 second has been detected during playback. Any portion of the tape is recognized as a blank when all the following conditions are satisfied: When no signals are output from any of the heads. When no playback data can be read. When there is no CTL signal (this does not apply with DV tapes for general consumer applications). | | |
| | SERVO NOT LOCKED | This appears when the servo is not locked for 3 or more seconds during playback. | The VTR continues operating. | |
| ; | LOW RF | This appears when it has been detected that the envelope level has dropped to approximately one-third of its usual level during playback. | The VTR continues operating. | |
| Low | HIGH ERROR RATE | This appears when the error rate increases, and correction or interpolation is performed for either the video or audio playback signals. | The VTR continues operating. | |

Error Messages (when AUTO OFF lamp lights)

| On counter display | On TV monitor | Description | VTR operation
(restart action) |
|-------------------------|-----------------------|--|-----------------------------------|
| CAP ROTATE TOO
SLOW | CAP ROTA TOO
SLOW | When the capstan motor speed is abnormally low, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| CAP TENSION ERROR | CAP TENSION ERROR | When abnormal tension is detected at the supply side in the capstan mode, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| DEW | DEW | When condensation is detected, the AUTO OFF tamp lights, the message display flashes, and the VTR is transferred to the eject mode. After the tape is ejected, the drum rotates in order to dry out the condensation. When the condensation has dried out, the AUTO OFF lamp goes off, the message display is cleared, and the VTR can be operated again. • When condensation is detected in the eject mode, the drum starts rotating as soon as it is detected. • When condensation is detected when the cassette has been inserted, the drum rotation is stopped, and after the tape is ejected, the drum starts rotating. | Eject |
| DRUM ROTATE TOO
FAST | DRUM ROTA TOO
FAST | When the cylinder motor speed is abnormally high, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| DRUM ROTATE TOO
SLOW | DRUM ROTA TOO
SLOW | When the cylinder motor speed is abnormally low, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| E-FF | E-FF | When the tape start and tape end are detected simultaneously either during or after loading, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| FRONT LOAD ERROR | FRONT LOAD ERROR | When the take-up reel has been rotating without taking up the tape for a specific period of time while the start or end processing operation during loading (half position) is being performed, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| FRONT LOAD MOTOR | FRONT LOAD MOTOR | When the cassette fails to move up even when 6 seconds have etapsed after the eject mode was established, the AUTO OFF lamp lights, and the message display flashes. <note> When the cassette fails to move down even when 6 seconds have etapsed after the cassette was inserted, the eject mode is established.</note> | Stop
(power OFF→ON) |
| LOADING MOTOR | LOADING MOTOR | When the unloading operation fails to be completed within 6 seconds, the AUTO OFF lamp lights, and the message display flashes. <note> When the loading operations fails to be completed within 6 seconds, the eject mode (unloading mode) is established.</note> | Stop
(power OFF-→ON) |
| REEL DIR UNMATCH | REEL DIR UNMATCH | When the take-up reel motor is running in the reverse direction, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |

| On counter display | On TV monitor | Description | VTR operation
(restart action) |
|-------------------------|-----------------------|--|-----------------------------------|
| REEL TENSION
ERROR | REEL TENSION
ERROR | When abnormal tension at the supply side is detected in the reel mode, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| SERVO COMM ERROR | SERVO COMM ERROR | When the servo microcomputer does not follow the instructions of the system control microcomputer even after 10 seconds have elapsed, the AUTO OFF tamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| SERVO CONTROL
ERROR | SERVO CONTROL
ERR | When there is no response from the servo micro-
computer for 1 or more seconds, the AUTO OFF lamp
lights, and the message display flashes. | Stop
(power OFF→ON) |
| SERVO ERROR | SERVO ERROR | When only the servo microcomputer was reset in an instantaneous power failure, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF-→ON) |
| S-FF/REW TIMEOVER | S-FF/REW TIMEOVER | When the start or end processing operation falls to be completed, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| S REEL ROTA TOO
FAST | S REEL TOO FAST | When the supply reel motor rotates at an abnormally fast rate, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| S REEL TORQUE
ERROR | S REEL TORQUE
ERR | When an abnormal torque applied to the supply reel motor is detected or an abnormal current flowing to the current-sensing resistor is detected, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| T REEL ROTA TOO
FAST | T REEL TOO FAST | When the take-up reel motor rotates at an abnormally tast rate, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| T REEL TORQUE
ERROR | T REEL TORQUE
ERR | When an abnormal torque applied to the take-up reel motor is detected, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| UNLOAD ERROR | UNLOAD ERROR | When the tape has not been wound up during unloading, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| WINDUP ERROR | WINDUP ERROR | If, after the total tape amount has been detected, the amount of tape wound up on the take-up reel and the amount of tape supplied by the supply reel differ to an abnormal extent while the tape is traveling, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF→ON) |
| WINDUP REEL NOT
ROTA | W-UP REEL NOT
ROTA | If, after the cassette has been inserted, the tape take-
up reel has not wound up the tape while the total tape
amount is not detected and while the tape is traveling,
the AUTO OFF lamp lights, and the message display
flashes. | Stop
(power OFF→ON) |

RS-232C Interface

1. Introduction

- (1) The VTR can be operated by commands when the RS-232 interface is used. (See command tables on pages 67 to 69.)
- (2) Conditions for acknowledging commands from the RS-232C interface
 The front panel REMOTE/LOCAL switch must be set to REMOTE.
 The setup menu item No. 204 (RS232C SEL) must be set to ON.

If the above conditions are not met, [ACK] + [STX] ER001 [ETX] is returned to the external unit.

Whether the [ACK] code is returned depends on the setting which has been selected for setup menu item No. 209 (RETURN ACK).

2. Hardware specifications

External interface specifications

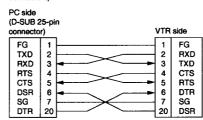
(1) Connector specifications

Connector: D-SUB 25-pin (crossover cable supported)

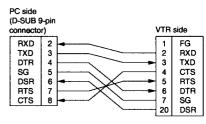
| Pin No. | Signal | Circuit name | Description |
|---------|--------|---------------------|--|
| 1 | FG | Protective ground | Frame ground |
| 2 | RXD | Received data | Data is sent to PC. |
| 3 | TXD | Transmitted data | Data is received from PC. |
| 4 | CTS | Clear to send | Shorted with pin 5. |
| 5 | RTS | Request to send | Shorted with pin 4. |
| 6 | DTR | Data terminal ready | Not processed |
| 7 | SG | Signal ground | Signal ground |
| 20 | DSR | Data set ready | + voltage output after communication enable status |

(2) Example of connections with controller (PC)

(Using crossover cable with D-SUB 25-pin connectors)



(Using crossover cable with D-SUB 9-pin and 25-pin connectors)



3. Software specifications

Protocol

1) Communication parameters

| Communication system | Asynchronous, full duplex | |
|----------------------|--|--|
| Baud rate | 300, 600, 1200, 2400, 4800, <u>9600</u> bps | |
| Data length | 7 bits or 8 bits | |
| Stop bit | 1 bit or 2 bits | |
| Parity bit | None, odd or even | |
| ACK code | ACK code returned or <u>not returned</u> <note> The ACK code is what is returned from the VTR to the controller when data has been sent successfully from the controller.</note> | |

[&]quot;__" denotes the factory setting.

Changes to the settings can be made using the setup menu items listed below.

| Communication parameter | Setup menu item |
|-------------------------|---------------------|
| Communication system | No. 205 BAUD RATE |
| Data length | No. 206 DATA LENGTH |
| Stop bit | No. 207 STOP BIT |
| Parity bit | No. 208 PARITY |
| ACK code | No. 209 RETURN ACK |

2) Send format [controller (PC) \rightarrow VTR]

■ Data format

[STX] [command] [:] [data] [ETX]

02h XX XX XX 3Ah XX-XX 03h

←(ASCII code: symbols, numbers, upper-case letters)

20h<XX<7Fh

- [command]: Command identifier; a 3-byte identifier (ASCII code: symbols, numbers, upper-case letters) is sent as the command.
- •[:]: The colon serves as a delimiter between the command and data.
- [data]: Data (ASCII code: symbols, numbers, upper-case letters) can be added in the number of bytes required.

■ Outline of procedure for sending data from controller

- 1. The send command starts with STX (start of text = 02h). The command is then identified by COMMAND which follows, and the data is added as required. The format ends with ETX (end of text = 03h).
- 2. When a different command is to be sent, a response is awaited from the VTR, and then the command is sent. (See
- 3. If STX is sent again before ETX is sent, the receive data buffer inside the VTR is cleared. A command error is returned to the controller, and the data is newly processed with STX, which was received again, at the head.

RS-232C Interface

(3) Return format [VTR → controller (PC)]

The following responses are made to the command. If necessary, more than one response may be made.

■ When the communication has terminated normally

1. The receive completion message is returned.

[ACK] 06h

2. The execution completion message is returned.

[STX] [command] [data] [ETX] 02h XX XX XX XX-XX 03h

• [command]: This is the message (data) which is returned or the execution completion message identifier.

This is the data to be returned. It can be omitted.

[example]: Send command Return message (data) (STX) OPL (ETX)

[ACK] [STX] OPL [ETX]

■ When the communication has terminated abnormally

[NACK]

■ When processing is not possible due to incorrect data or trouble in the VTR

1. The receive completion message is returned.

06h

2. An error code is returned.

ISTXI E R N1 N2 N3 IETXI

02h Error code 03h

4. Error code table

ER001: Invalid command

· Unsupported command received

· Error in command execution

ER002: Parameter error

ER102: VTR mode error (front loading motor)

ER103: VTR mode error (loading motor)

ER104: VTR mode error (drum, capstan system)

ER105: VTR mode error (reel system)

ER106: VTR mode error (tension system)

ER108: VTR dew (condensation) error

ER1FF: VTR system error

5. Command table

(1) Commands relating to operation control

-Notes>

- Under the "return (completion) message," only the execution messages which are returned after [ACK] is returned when data is received are listed.
- In the case of commands not listed in the table, ER001 (invalid command) is returned after [ACK] has been returned.

| VTR
operation | Send command | Return (completion)
message | Supplementary notes |
|------------------|--|---|---|
| STOP | [STX] OSP [ETX] | [STX] OSP [ETX] | This command is for stopping the tape travel. |
| EJECT | [STX] OEJ [ETX] | [STX] OEJ [ETX] | This command is for ejecting the cassette tape. The output picture status differs according to the setup menu item No. 111 (FRZ MODE SEL) setting. For details, refer to the setup menu item. |
| PLAY | [STX] OPL [ETX] | [STX] OPL [ETX] | This command is for starting playback. |
| REWIND | [STX] ORW [ETX] | [STX] ORW [ETX] | This command is for rewinding the tape. The maximum tape speed differs according to the setup menu item No. 102 (FF. REW MAX) setting. For details, refer to the setup menu item. |
| FAST
FORWARD | [STX] OFF [ETX] | [STX] OFF [ETX] | This command is for fast forwarding the tape. The maximum tape speed differs according to the setup menu item No. 102 (FF. REW MAX) setting. For details, refer to the setup menu item. |
| SHTL | [STX] OSF:data [ETX] | [STX] OSF [ETX] | This is the forward direction shuttle command. |
| | data = n: speed data 0: STILL (STIL 1: x0.03 (x0.0 2: x0.1 (x0.1 3: x0.2 (x0.2 4: x0.5 (x0.5 5: x1 (x1) 6: x1.85 (x1.8 7: x4.1 (x3.1 8: x9.5*1 (x9.5 9: x16*1 (x16* A: x32*1 (x32* | 3)))) 5)) **! This speed diff MAX) setting.] | ers according to the setup menu item No. 101 (SHTL
DV format are given in parentheses. |

RS-232C interface

| VTR
operation | Send command | Return (completion)
message | Supplementary notes |
|------------------|----------------------|--------------------------------|--|
| SHTL
REVERSE | [STX] OSR:data [ETX] | | This is the reverse direction shuttle command. ers according to the setup menu item No. 101 (SHTL |
| | | The speeds for the | DV format are given in parentheses. |
| STANDBY
OFF | [STX] OBF [ETX] | [STX] OBF [ETX] | This command is for setting the VTR to STANDBY OFF. |
| STANDBY
ON | [STX] OBN [ETX] | [STX] OBN [ETX] | This command is for setting the VTR to STANDBY ON. |

(2) Commands related to inquiries

<Notes>

- Under the "return (completion) message," only the execution messages which are returned after [ACK] is returned when data is received are listed.
- In the case of commands not listed in the table, ER001 (invalid command) is returned after [ACK] has been returned.

| | | T | | |
|-------------------------|-----------------|--|--|--|
| VTR
operation | Send command | Return (completion)
message | Supplementary notes | |
| CTL/TC
DATA | [STX] QCD [ETX] | [STX] CD data [ETX] | This command is for inquiring about the counter value. | |
| REQUEST | | Value. V | | |
| STATUS
REQUEST | (STX) QOP (ETX) | [STX] xxx [ETX] This command is for inquiring about the VTR operation mode. | | |
| | | XXX = OEJ: EJECT OFF: FAST FORWARD OPL: PLAY ORW: REWIND OSP: STOP (including STANDBY ON) SRS: PREROLL OBF: STANDBY OFF OSF: SHTL FORWARD OSR: SHTL REVERSE OJG: JOG FORWARD/REVERSE OSW: VAR FORWARD/REVERSE | | |
| ID (VTR No.)
REQUEST | [STX] QID [ETX] | [STX] data [ETX] This command is for inquiring about the VTR used. | | |
| | | data = AJ-D940 | | |

RS-232C interface

END

(3) Microsoft QuickBASIC sample program

```
CLS
STX$ = CHR$(&H2): ETX$ = CHR$ (&H3): NAK$ = CHR$(15): ACK$ = CHR$(&H6)
PRINT "*** RS-232C COMMUNICATION SAMPLE PROGRAM ***"
PRINT "Type Command 'OUIT' to quit."
PRINT
REM *** Communication Port Initial & Open ***
REM Port 1,9600Bps, No parity, 8 bit data, 1 stop bit
OPEN "COM1:9600,N,8,1" FOR RANDOM AS #1 LEN = 256
REM *** Input Command & Send Command ***
SendCmd:
INPUT "Input Command ="; SEND$
IF SEND$ = "QUIT" THEN GOTO ProgEnd
PRINT #1, STX$ + SEND$ + ETX$
REM *** Wait for Receive Command ***
WHILE LOC(1) = 0
        WAITKEY$ = INKEY$
        IF WAITKEYS = "Q" THEN PRINT "*** Quit ***": GOTO ProgEnd
WEND
REM *** Receive Command ***
RecvCmd:
RECV$ = INPUT$(1, #1)
IF RECV$ = STX$ THEN RECV$ = "[Stx]"
IF RECV$ = ACK$ THEN RECV$ = "[Ack]"
IF RECV$ = NAK$ THEN RECV$ = "[Nak]"
IF RECV$ = ETX$ THEN BUFFER$ = BUFFER$ + "[Etx]": GOTO DispOut
BUFFER$ = BUFFER$ + RECV$
GOTO RecvCmd
REM *** Output Receive Command ***
DispOut:
PRINT "Receive Command ="; BUFFER$
PRINT
BUFFER$ = ""
GOTO SendCmd
REM *** End Program ***
ProgEnd:
CLOSE
```

Connector Signals

REF VIDEO IN

| REF VIDEO IN BNC | Loop-through, 75Ω termination switch provided |
|------------------|---|
|------------------|---|

VIDEO OUT

| SERIAL OUT (DIGITAL) | BNC × 3 |
|----------------------|---------|
| Y, PB, PR (ANALOG) | BNC×3 |
| VIDEO OUT | BNC×3 |

AUDIO OUT

| SERIAL OUT (DIGITAL) | BNC×3 | |
|--------------------------|-----------|-------------------------------------|
| AUDIO OUT (DIGITAL) | XLR×2 | CH1/CH2, CH3/CH4 AES/
EBU format |
| AUDIO OUT (ANALOG) | XLR×4 | CH1, CH2, CH3, CH4 |
| CUE OUT | XLR×1 | |
| TIME CODE OUT | XLR×1 | |
| MONITOR OUT | XLR×2 | L/R |
| HEADPHONES (front panel) | 1/4" phon | е |

| Pin No. | Signal |
|---------|--------|
| 1 | GND |
| 2 | HOT |
| 3 | COLD |

RS-422A REMOTE (9P)

REMOTE IN

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|--------------|---------|-----------------|---------|--------------|
| 1 | FRAME GROUND | 4 | RECEIVE COMMON | 7 | TRANSMIT B |
| 2 | TRANSMIT A | 5 | | 8 | RECEIVE A |
| 3 | RECEIVE B | 6 | TRANSMIT COMMON | 9 | FRAME GROUND |

REMOTE OUT

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|--------------|---------|-----------------|---------|--------------|
| 1 | FRAME GROUND | 4 | TRANSMIT COMMON | 7 | RECEIVE B |
| 2 | RECEIVE A | 5 | | 8 | TRANSMIT A |
| 3 | TRANSMIT B | 6 | RECEIVE COMMON | 9 | FRAME GROUND |

Connector Signals

PARALLEL REMOTE (25P)

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|------------------|---------|-----------------|---------|-------------------------|
| 1 | PLAY COMMAND | 10 | | 19 | STAND BY ON STATUS |
| 2 | STOP COMMAND | 11 | | 20 | PREROLL STATUS |
| 3 | FF COMMAND | 12 | ≥10V, MAX 300mA | 21 | SERVO LOCK STATUS |
| 4 | REW COMMAND | 13 | PLAY STATUS | 22 | OPERATION ENABLE STATUS |
| 5 | | 14 | STOP STATUS | 23 | |
| 6 | EJECT COMMAND | 15 | FF STATUS | 24 | |
| 7 | STAND BY COMMAND | 16 | REW STATUS | 25 | GND |
| 8 | PREROLL COMMAND | 17 | | | |
| 9 | IN SET COMMAND | 18 | EJECT STATUS | | |

<Notes

- Supply TTL level, active low electrical signals with an edge of 100 ms or more to the COMMAND pins.
- The STATUS pins are open collector outputs; a max. sink current of 6 mA is output from these pins.

RS-232C REMOTE (D-SUB 25 pins, crossover cable supported)

| Pin No. | Signal | Circuit name | Description |
|---------|--------------|---------------------|--|
| 1 | FRAME GROUND | Protective ground | Frame ground |
| 2 | RxD | Received data | Data is sent to PC. |
| 3 | TxD | Transmitted data | Data is received from PC. |
| 4 | CTS | Clear to send | Shorted with pin 5. |
| 5 | RTS | Request to send | Shorted with pin 4. |
| 6 | DTR | Data terminal ready | Not processed |
| 7 | GS | Signal ground | Signal ground |
| 20 | DSR | Data set ready | + power output after communication enable status |

ENCODER REMOTE (15P)

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|---------|---------|-------------------|---------|-------------------|
| 1 | | 6 | SYSTEM H 0 | 11 | RET GND |
| 2 | SET UP | 7 | SYS.SC COARSE (2) | 12 | |
| 3 | C LEVEL | 8 | -12V | 13 | |
| 4 | GND | 9 | HUE | 14 | SYS.SC FINE |
| 5 | +12V | 10 | VIDEO LEVEL | 15 | SYS.SC COARSE (1) |

Operating instruction for AJ-D940E

Contents

| Introduction and Features | 5 |
|--|---------|
| Parts and Their Functions | 7 |
| Front panel | 7 |
| Front panel top | |
| Front panel centre | 9-12 |
| Front panel bottom | |
| Connector panel | 15-17 |
| Connections | |
| Connections using one unit | 18 |
| Example of connections when the unit | |
| is used as the source machine for editing | |
| (deck to deck) | 19 |
| (deck to deck) • Example of connections with an editing | |
| controller | 20 |
| Connections for adjusting the video output | |
| signals (encoder output) | 21 |
| Tapes | 22 |
| Switching on the Power/Inserting the Cassette. | 23 |
| STOP/STANDBY mode | 24 |
| Płayback | 25 |
| Jog/Shuttle | 26 |
| MULTI CUE Function | . 27-29 |
| Video Output Signal (Encoder Output) | |
| Adjustments | 30 |
| Setup (Default Settings) | 31 |
| Setup Menus | . 32-35 |
| • SYSTEM | . 36-37 |
| • BASIC | . 38-40 |
| OPERATION | . 41-42 |
| • INTERFACE | 43 |
| • EDIT | . 44-45 |
| TAPE PROTECT | 46 |
| • TIME CODE | 47 |
| • VIDEO | |
| • AUDIO | |
| • V BLANK | 51 |
| • MENU | |
| | |

| Time Code/User Bit | 53 |
|------------------------------------|-------|
| Time Code/User Bit Playback | 54 |
| Superimpose Screen | 55 |
| Servo Reference | 56 |
| Audio V Fade Function | 57 |
| Selecting the Audio Monitor Output | 58 |
| Rack Mounting | 59 |
| Video Head Cleaning | 60 |
| Condensation | 60 |
| Error Messages | 61-62 |
| Error Messages (when AUTO OFF lamp | |
| lights) | 63-64 |
| RS-232C Interface | |
| Connector Signals | |
| | |

Before attempting to operate the unit, check that all the accessories are present and accounted for.

Power cord....1 pc

Options

- · AJ-CS750P cassette adapter
- · AJ-MA75P rack-mounting adapters

Introduction and Features

The AJ-D940 is a multi-purpose studio digital VTR which uses 1/4-inch wide compact cassette tapes and which is designed exclusively for slow-motion playback with a high picture quality at a 50 Mbps video recording rate. It is capable of playing back existing DVCPRO (25 Mbps) cassette tapes as well. It is equipped with a 525/625 switchable function to enable it to be operated as a studio VTR anywhere in the world.

This VTR with its high picture quality, which is due to the incorporation of digital compression technology, significantly reduces the deterioration in the quality of both sound and pictures which accompanies dubbing operations. Its compact 4U size and light-weight design makes it easy for the unit to be carried around and installed in a 19-inch rack.

A dialogue system enables the unit's setup settings to be performed while monitoring the onscreen menus that appear on the TV monitor.

Features

Compact size and light weight

This digital VTR has a 4U size. This means that it is easy to install it in a 19-inch rack, too, if the rack-mounting adapters (optional accessory, AJ-MA75P) are used.

Up to 92 minutes of playback time

Two sizes of cassette tape, the M size (for up to 33 minutes of playback time) and L size (for up to 92 minutes of playback time), can be used with this unit.

The tape has a 1/4-inch width for a compact design.

High picture quality

A high picture quality is achieved using 4:2:2 component signals whose recording rate is twice as high as that of the existing DVCPRO format.

625i/525i switchable function

By setting the 625i/525i selector switch to the setting that corresponds to the TV system of the signals (625i or 525i) recorded on the tape, the signals of either TV system can be played back.

Compatibility with DVCPRO format

Tapes recorded using the existing DVCPRO format can be played back on this unit.

Compatibility with general consumer video equipment

Cassette tapes designed for general consumer applications containing material shot by a consumer digital camera can be played back on this unit if the cassette adapter (optional accessory, AJ-CS750P) is used.

<Note>

Tapes recorded in the LP consumer mode cannot be played back.

Digital slow motion/dial jog functions

Using Panasonic's very own digital slow-motion technology, pictures played back in slow motion at the following speeds can be reproduced clearly.

DVCPRO50 (50 Mbps): -1x to +1x speed

DVCPRO (25 Mbps): -2x to +2x speed

DV: ±0.03×, ±0.07×, ±0.1×, ±0.2×, ±0.4× to ±1×

Dial shuttle function

Shuttle operations enable colour pictures to be played back in the forward or reverse direction at a maximum of 32 times the normal tape speed.

Time code

The unit contains a time code reader (TCR).

Introduction and Features

Features

(continued)

Multi-functional interface capability

· Serial digital output

The unit is equipped with a component serial interface connector to enable interfacing with serial digital component signals. (EBU Tech. 3267-E)

Analogue video output

Both component (Y, PB, PR) and composite output connectors are provided.

AES/EBU audio output

The unit comes with digital audio output connectors.

· SDTI output (option)

· 9-pin RS-422A/RS-232C remote

In addition to the standard 9-pin serial remote (RS-422A) connector, both RS-232C and 25-pin parallel remote connectors are provided.

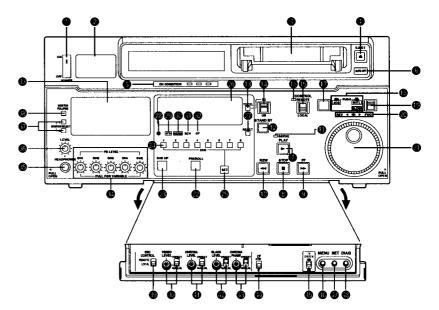
4-channel digital audio for high sound qualityA 4-channel PCM audio capability plus another channel for the analogue cue track is featured.

Menu-operated setup

The settings for the setup prior to operating the unit are performed while viewing the setup menus which appear on the unit's display or the TV monitor.

Parts and Their Functions

Front panel



<Front panel top area>

POWER switch

TV system and format display

The selected TV system and format are displayed here.

<625/525>

625: This lights when the 625 TV system is selected.

525: This lights when the 525 TV system is selected.

<25 Mbps/50 Mbps>

25 Mbps: This indicates the DVCPRO (25 Mbps) and DV playback mode.

In the case of the DVCPRO (25 Mbps) playback mode, the DVCPRO (25 Mbps) cassette playback display lamp in the centre of the front panel also lights.

50 Mbps: This indicates the DVCPRO50 (50 Mbps) playback mode.

Cassette insertion slot

EJECT button

When this button is pressed, the tape inside is unloaded and several seconds later it is automatically ejected.

If the counter display area is set to the CTL display, the display will be reset.

Channel condition lamps

One of these lamps lights in accordance with the error rate statuses. (Green \rightarrow Amber \rightarrow Red) **Green:** This lamp lights when the error rates for both the video and audio playback

signals are at an acceptable level.

Amber: This lamp lights when the error rate for either the video and audio playback signals has deteriorated. A normal playback picture will appear even when this

lamp is lit.

Red: This lamp lights when either the video or audio playback signals are subject to correction or interpolation.

AUTO OFF lamp

This lights when trouble has occurred in the unit's operation.

Parts and Their Functions

<Front panel centre>

PLAY button

This button is pressed to commence playback.

STOP button

This button is pressed to stop the tape travel.

The tape drum continues to rotate even in the stop mode, and the tape remains in close contact with the drum.

When the stop mode continues beyond the prescribed period of time, the unit is automatically set to the standby OFF mode in order to protect the tape.

The stop mode is established immediately after a cassette has been inserted into the unit.

@ FF button (see *1)

This button is pressed to fast forward the tape.

(REW button (see *1)

This button is pressed to rewind the tape.

SERVO lamp

This lamp lights when the drum servo and capstan servo lock.

® STANDBY button

While the same level of tape tension is applied as in the regular stop mode and the head drum continues to rotate, the lamp in the button lights to indicate that the standby ON mode is established.

The tape is set to the half-loading mode when the standby OFF mode is established. When this button is pressed in the stop mode, the standby OFF mode is established and the tape is set to the half-loading mode. At this time, the lamp in the button will go off.

When the stop mode continues beyond the prescribed period of time, the unit is automatically set to the standby OFF mode in order to protect the tape.

When either this button or the STOP button is pressed in the standby OFF mode, the standby ON mode is established. When a function button other than the STOP button is pressed, the tape will be set to the mode corresponding to the pressed button.

The time taken for operation to transfer to the standby OFF mode can be set on-screen.

TC/CTL switch

When this switch is pressed, what appears on the counter display changes from TC to CTL or vice versa. When TC is selected, either the TC or UB value will be displayed depending on the position to which the TC/UB switch has been set.

TC/UB switch

This selector switch is used to indicate either the TC value or UB value on the counter display area when the TC/CTL switch has been set to the TC position.

® REMOTE/LOCAL switch

This switch is provided to enable the unit to be controlled from an external source using the REMOTE, RS-232C or parallel connector.

REMOTE: Set here when the unit is to be controlled using the 9-pin REMOTE, RS-232C or parallel remote connector.

LOCAL: Set here when the unit is to be controlled using the controls on its operation

*1 The fast forward or rewind speed can be selected using setup menu item No. 102 (FF.REW MAX).

<Front panel centre>

® REMOTE lamp

This lamp lights when the REMOTE setting has been selected by the REMOTE/LOCAL switch.

Search button

This button is pressed to establish the search mode.

When this button is pressed after the search dial is set to the shuttle mode and turned to the desired position, playback will commence at the speed which has been set by the search dial.

6 JOG, SHTL and SLOW lamps

These lamps indicate the current status of the search dial and SHTL/SLOW switch.

This lights when the JOG mode is established. SHTL (shuttle): This lights when the SHTL mode is established. This lights when the VAR mode is established. SLOW:

(B) SHTL/SLOW switch

This selector switch is set when the search dial is to be used for SHTL or VAR purposes.

@ REV, STILL and FWD lamps

These lamps light in accordance with the search dial operation.

REV: This lights when the dial is rotated counterclockwise, and if the search button lamp is also lit at this time, the tape travels in the reverse direction.

STILL: In the JOG mode this lights when the dial rotation is stopped, and if the search button lamp is also lit at this time, the tape also stops travelling.

In the shuttle mode, it lights when the dial is at the STILL position.

FWD: This lights when the dial is rotated clockwise, and if the search button lamp is also lit at this time, the tape travels in the forward direction.

Search dial

This dial is used to locate the edit points.

Each time the dial is pressed, the shuttle mode or jog mode is selected alternately, and the JOG, SHTL or SLOW lamp lights.

When the unit's power is turned on, the search dial will not work unless it is first returned to the STILL position.

SHTL (shuttle) mode: If the dial is rotated and stopped at the desired position when the SHTL/SLOW switch has been set to SHTL, the tape can be played back at the speed that corresponds to the angle to which the dial has been rotated. A still picture will appear when the dial is

set to its centre position.

When the SHTL/SLOW switch has been set to SLOW, the tape will travel at the -4.1× speed if the dial is rotated counterclockwise as far as it will go, a still picture will appear when it is set to its centre position, and the tape will travel at the +4.1× speed if the dial is rotated clockwise as far as it will go. The maximum speed at the SLOW setting can be selected by setup menu item No. 320

(VAR FWD MAX) or No. 321 (VAR REV MAX).

Jog mode: The dial's clickstop positions are cleared, and the tape is played

back at the speed (see *1) that corresponds to the speed with which the dial is rotated.

*1 DVCPRO50 (50 Mbps): -1x to +1x speed DVCPRO (25 Mbps): -2x to +2x speed DV: $-1\times$ to $+1\times$ speed

Parts and Their Functions

<Front panel centre>

@ PREROLL button

This button is used to cue the tape for a transmission, etc.

If it is pressed when a CUE point has been selected (when the CUE lamp is flashing), the tape is prerolled to the CUE point, and a still picture appears on the screen.

If it is pressed when a CUE point has not been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.

The preroll time can be set using setup menu item No. 000 (P-ROLL TIME).

CUE UP button

This button is used to cue the tape for a transmission, etc.

If it is pressed when a CUE point has been selected (when the CUE lamp is flashing), the tape is prerolled to the CUE point, and a still picture appears on the screen.

If it is pressed when a CUE point has not been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.

• The preroll time can be set using setup menu item No. 016 (CU-ROLL TIME).

@ CUE buttons 1 through 8

These buttons are used to enter, check or erase cue points.

When a button is pressed at a cueing position on the tape, the cue point will be entered in

To check a cue point which has been entered, press the CUE button in which the point was entered.

To erase a cue point, press the RESET button while holding down the CUE button.

SET button

This button is used when cue points are to be entered or erased.

When it is pressed at the cueing position, the cue point will be entered and the corresponding CUE button's lamp will light. When it is pressed at positions to which the tape is be successively cued, the CUE buttons in which no cue points have been entered will light in sequence starting with the lowest number, and the cue points will be entered. When the RESET button is pressed while the SET button is held down, all the registered cue points will be deleted.

Counter display area

The TC and CTL count values as well as the messages and other on-screen information appear on the counter display area.

RESET button

When this button is pressed in the CTL mode, the display is cleared to "00:00:00:00."

This lamp lights when a warning is issued.

Cassette insertion display lamp

This lamp lights when a cassette has been inserted into the unit.

DVCPRO (25 Mbps) cassette playback display lamp

This lamp lights when a cassette recorded using the DVCPRO (25 Mbps) format is played back.

® SCH lamp

This lamp lights when the SCH phase of the external sync signal is within the specified range.

<Front panel centre>

CF lamp

This lamp lights when the colour framing is locked.

Level meter

The playback levels for channels 1, 2, 3 and 4 of the PCM audio signals and for the cue track signals are displayed by this meter.

Audio output level controls

These controls are used to adjust the playback levels for channels 1, 2, 3 and 4 of the PCM audio signals and for the cue track signals.

They use a "pull to vary level" system which means that the levels can be adjusted after they have been pulled up. The unity (default) levels apply when they are pushed down.

Headphones jack

When a pair of stereo headphones are connected to this jack, the sound being played back can be monitored through the headphones.

Wolume control

This control is used to adjust the headphones volume and monitor output volume. Setup menu item No. 713 (MONI OUT) can be used to set whether the headphones output and monitor output are to be linked together or separated. (However, the headphones are always linked to the monitor output.) When the two outputs are separated, the monitor output is set the unity (default) level.

MONITOR SELECT switches

These switches are used to select the audio signals which are to be output to the monitor L and R channels.

Each time the "L" button is pressed, the signals which are to be output to the monitor L channel are switched in the following sequence: CH1, CH2, CH3, CH4, CUE, CH1, etc. [This switching is disabled when CH1+2 or CH3+4 has been selected as the setup menu item No. 729 (MONI MIX L) setting.]

Each time the "R" button is pressed, the signals which are output to the monitor R channel are switched in the following sequence: CH1, CH2, CH3, CH4, CUE, CH1, etc.

[This switching is disabled when CH1+2 or CH3+4 has been selected as the setup menu item No. 730 (MONI MIX R) setting.]

The signals which have been selected are indicated by the L or R lamps which light on the level meter display area. [When AUTO has been selected as the setup menu item No. 721 (MONI CH SEL) setting, the display is switched in tandem with the monitor output.]

METER (FULL/FINE) selector switch

This switch is used to select the scale display on the audio level meter.

FULL mode: The standard scale (ranging from - ∞ to 0 dB) is selected.

FINE mode: The scale in 0.5 dB increments is selected.

Parts and Their Functions

<Front panel bottom>

® ENCODER CONTROL switch

This switch is used to select whether the adjustments of the video output signals are to be performed using the controls either on the unit or on an external encoder remote controller.

REMOTE: The video output signals are adjusted using the controls on the external encoder remote controller.

LOCAL: The video output signals are adjusted using the controls on the unit.

VIDEO LEVEL control and switch

These enable the video level to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the VIDEO LEVEL switch is set to PRESET, the video level is set to the unity (0 dB) level. When it is set to MANUAL, the video level can be adjusted using the control.

CHROMA LEVEL control and switch

These enable the chroma level to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the CHROMA LEVEL switch is set to PRESET, the chroma level is set to the unity (0 dB) level. When it is set to MANUAL, the chroma level can be adjusted using the control.

@ BLACK LEVEL control and switch

These enable the black level to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the BLACK LEVEL switch is set to PRESET, the black level is set to the unity (0 IRE) level. When it is set to MANUAL, the black level can be adjusted using the control.

® CHROMA PHASE control and switch

These enable the chroma phase to be adjusted when the ENCODER CONTROL switch has been set to the LOCAL position.

When the CHROMA PHASE switch is set to PRESET, the hue is set to the unity (0°) level. When it is set to MANUAL, the chroma phase can be adjusted using the control.

@ CF switch

This switch is used to select either 4- or 8-field or 2-field increments for the playback framing lock.

4F/8F: 625 mode = The framing is locked in 4 or 8-field increments. The setup menu item No. 108 (CAP.LOCK) setting is used to switch between 4-field or 8-field increments.

525 mode = The framing is locked in 4-field increments.

2F: The framing is locked in 2-field increments.

TV SYSTEM selector switch

This switch is used to select the TV system. For this setting to take effect, the power must be turned off and then turned back on.

625: The 625 interlace/50 Hz TV system is selected.

525: The 525 interlace/59.94 Hz TV system is selected.

For playback, make sure that the switch is set to the position that corresponds to the TV system, 625i or 525i, which was used when the tape was recorded.

<Front panel bottom>

® MENU button

When this button is pressed, the setup menu appears on the TV monitor (but only when the VIDEO OUT 3 connector is used), and the setup menu number appears on the unit's display. When it is pressed again, the setup menu setting is exited and the original operation is restored.

SET button

When this button is pressed, the data which has been set on the setup menu is entered. After the data has been entered, the setup menu setting is exited and the original operation is restored.

DIAG button

When this button is pressed, the VTR information is displayed. When it is pressed again, the original display is restored.

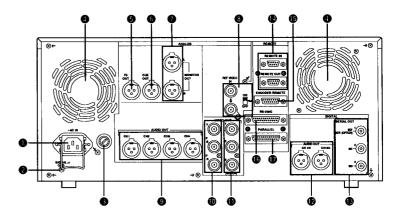
The VTR information consists of the HOUR METER information and WARNING information. The search button is pressed to switch between the displays of the two types of information.

Displayed on the HOURS METER screen are the deck's serial number, power-on time, drum rotation time, tape travel time, number of times the cassette has been loaded, and the number of times the power has been switched on and off.

Displayed on the WARNING screen is the nature of the warnings issued.

Parts and Their Functions

Connector panel



<Connector panel>

AC IN socket

This is connected to the power outlet using the accessory power cord.

SIGNAL GND terminal

This is connected to the signal ground terminal on the connected component for noise reduction purposes. It is not a safety ground.

Fuse holder

This contains a fuse.

Fan motor

This motor drives the fan that cools down the unit.

The lamp lights when trouble in some form or other has caused the fan motor to shut down. If operation is continued while this warning condition persists, the temperature inside the deck will rise, and once it has exceeded the safe temperature level, all the unit's operations will be shut down.

TIME CODE OUT connector

The playback time code signals are output from this connector.

6 CUE OUT connector

The analogue signals recorded on the CUE track are output from this connector.

MONITOR OUT connectors

The PCM audio signals of CH1, CH2, CH3 and CH4 or the playback signals from the CUE track are output from this connector.

© REF VIDEO IN connectors and 75 Ω termination switch

These are the input connectors for the reference video signal.

Supply a composite video signal such as a black burst signal complying with the broadcast standards (see *1). Set the switch to ON for a 75Ω termination.

*1 625: CCIR624

525: RS-170A

MANALOG AUDIO OUT connectors
The analogue audio signals are output from these connectors.

ANALOG COMPONENT VIDEO OUT connectors.

The analogue component video signals are output from these connectors.

ANALOG COMPOSITE VIDEO OUT connectors

The analogue composite video signals are output from these connectors. Video signals with superimposed characters can be output from the VIDEO OUT 3 connector. Use setup menu item No. 007 (SUPER) to select ON or OFF as the superimposed character setting.

® DIGITAL AUDIO OUT connectors

Digital audio signals complying with the AES/EBU standards are output from these connectors.

® SERIAL DIGITAL COMPONENT AUDIO/VIDEO OUT connectors

Digital component audio and video signals complying with the EBU Tech. 3267-E standards are output from these connectors.

Parts and Their Functions

<Connector panel>

Remote control connectors

The unit can be operated from an external source when it is connected with another player for deck-to-deck editing or with an external controller. There are two remote control connectors, one for input signals (IN) and the other for output signals (OUT).

IN: To be connected with an external controller.

To be connected for deck-to-deck operations.

OUT: To be connected for parallel run operations.

To be used for loop-through applications.

® ENCODER REMOTE connector

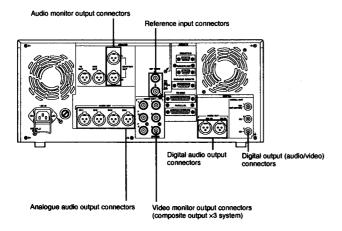
This is connected to an external encoder remote controller when the video output signal settings are to be adjusted from an external source.

® RS-232C connector

PARALLEL REMOTE connector

This is used when the unit is to be operated from an external source.

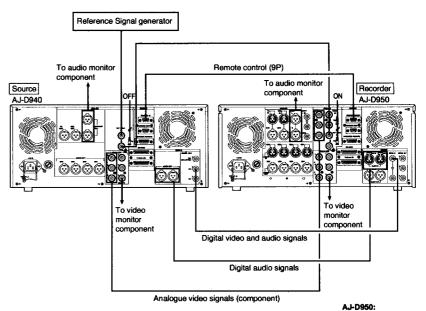
Set the CONTROL switch on the front panel to LOCAL.



Example of connections when the unit is used as the source machine for editing (deck-to-deck)

Source unit: Set the CONTROL switch on the front panel to REMOTE.

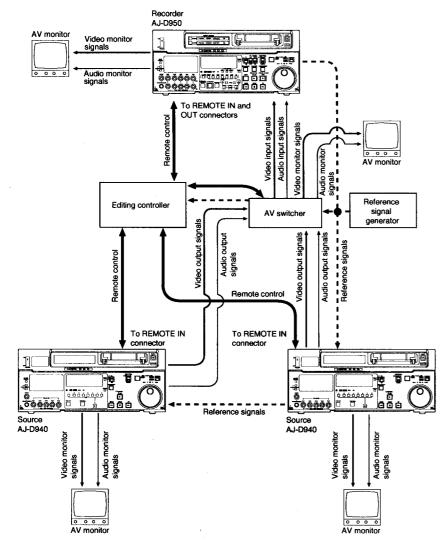
Recorder unit: Set the CONTROL switch on the front panel to LOCAL.



The analogue video

input board (optional accessory) must be installed for use.

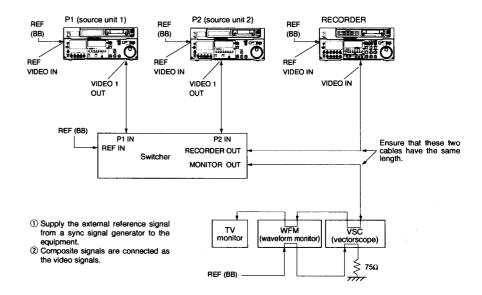
Example of connections with an editing controller



<Note>

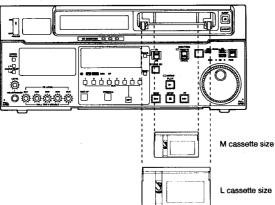
If an editing controller made by CMX is to be used, steps must be taken at the editing controller side to support it.

Connections for adjusting the video output signals (encoder output)



| | Туре | Description |
|--|------------------|--|
| Consumer cassette
(S size cassette) | | These tapes are exclusively used with general consumer camera/recorders. They can be played back on the unit if a cassette adapter AJ-CS750P (available as an optional accessory) is used. However, bear in mind that long-playing cassette tapes (80 minutes in the standard mode; 120 minutes in the LP mode) cannot be used. It is recommended that Panasonic's DV tapes for general consumer applications be used. Bear in mind that inserting one of these cassette tapes without first installing the cassette adapter will cause malfunctioning. |
| M siz | e cassette | Tapes with a maximum playback time of 33 minutes. (AJ-P66MP) |
| DVCPRO
(50 Mbps) | | Tapes with a maximum playback time of 92 minutes. (AJ-5P92LP) |
| 1 - | For consumer use | Standard playback cassette tapes for consumer use. For playback, select DV as the setup menu item No. 014 (FORMAT SEL) setting. Use of Panasonic's consumer-use DV tapes is recommended. |

Align the cassette with the centre of the insertion slot, and gently push it inside. The cassette tape is automatically loaded.



<Note:

For AJ-5P92LP cassette tapes recorded using the DVCPRO (25 Mbps) mode, use a VTR supporting DVCPRO (25 Mbps) 184 minute tapes.

<Pre>recautions when playing back general consumer DV tapes>

- · General consumer tapes recorded in the LP mode cannot be played back.
- When material recorded on a general consumer tape is to be edited, either use a DVCPRO50 (50 Mbps) or DVCPRO (25 Mbps) tape or record the material on another VTR used for broadcast applications.
- The maximum speed at which general consumer tapes can be advanced is 32 times the normal tape speed.
- The maximum still mode time for general consumer tapes is set to 10 seconds.
- Cueing up a general consumer tape at the same position should be kept to the minimum in order to protect the tape from damage.
- The maximum time for STILL TIMER when a general consumer tape is used is set to 10 seconds, and the total time during which such a tape may be left standing in the STILL mode is set to 1 minute.

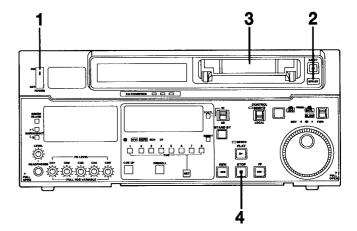
Switching on the Power/Inserting the Cassette

Before starting to operate the unit, check that the equipment has been connected properly.

- 1 Turn on the power.
- Check that the AUTO OFF lamp is off.
 In the event of condensation or other trouble, the AUTO OFF lamp lights, and all of the unit's operations are disabled.
- Insert the cassette tape.
 Insert the tape into the prescribe position without forcing it in any way.
- Check that the STOP lamp is lit.

 When the tape is inserted, the cylinder starts rotating automatically, the tape is loaded, and the STOP mode is established.

 The EJECT lamp now goes off.



STOP/STANDBY mode

The stop mode is established when the STOP button is pressed.

The STOP lamp lights, and the tape stops travelling.

 In order to protect the tape, the standby OFF mode is established after the time set in setup menu item No. 400 (STILL TIMER) has elapsed.
 When the STOP REWLEF or PLAY butter in present the corresponding mode in

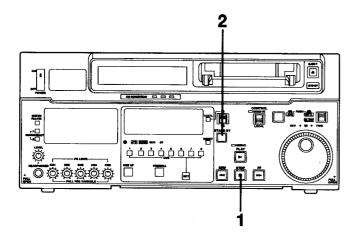
When the STOP, REW, FF or PLAY button is pressed, the corresponding mode is established.

When the STANDBY button is pressed, the standby ON or OFF mode is established. The standby ON mode is established while the button's lamp is lit. When the button is pressed in the stop mode, the standby OFF mode is established, the tape is set to the half-loading status, and the button's lamp goes off.

When the button is pressed in the standby OFF mode, the standby ON mode is established.

<Pre><Pre>cautions for the STILL TIMER setting>

- Remember that at times when the same material is repeatedly used such as when programmes are aired, the cumulative standby time in the same position will be increased.
- In order to protect the tape, make the standby time at the same tape locations as short as possible: for instance, select a maximum of 30 seconds or so as the setup menu item No. 400 (STILL TIMER) setting.



Playback

- 1 Insert the cassette tape and set the unit to the STOP mode.
- 2 Press the PLAY button. Normal playback now commences.
- Adjust the audio playback levels. Pull out the audio level controls, and turn them clockwise or counterclockwise to adjust the levels. Normally, they are kept at their pushed-in positions (unity level).
- To end playback, press the STOP button.
 The unit is now set to the stop mode.

<Note

Check that the SERVO lamp remains lit during playback. The playback pictures will be disturbed if the lamp is flashing or off.

Jog/Shuttle

Jog mode

Push the search dial to set it to its "in" position. Check that the JOG lamp is lit.

Rotate the search dial.

The clickstop positions of the dial are cleared, and the tape is played back at a speed (-1x to +1x) corresponding to the speed at which the dial is rotated. When the rotation

corresponds to the mode which is to be transferred to.

of the dial is stopped, a still picture appears. The playback picture is free from noise.

3 To transfer operation from the jog mode to another mode, press the button which

Shuttle mode

Push the search diał to release it from its "in" position.

The SHTL lamp now lights, and the shuttle mode is established.

 Immediately after the power is turned on, rotate the search dial and set it to its centre position.

2 Set the SHTL/SLOW switch to the SHTL or SLOW position.

Rotate the search dial.

When the SHTL/SLOW switch is set to the SHTL position, the speed of the playback picture is varied in the 0 to ±32× range depending on the dial's position. (The speed can be switched to ±8.4×, ±16x or ±32× using setup menu item No. 101 (SHTL MAX).) The dial is set to the clickstop at the centre: at this position a still picture appears on the screen.

When the SHTL/SLOW switch is set to the SLOW position, the speed of the playback picture is varied in the $-4.1\times$ to $+4.1\times$ range depending on the dial's position. (The maximum speed can be selected using setup menu item No. 320 (VAR FWD MAX) and No. 321 (VAR REV MAX). However, noise will appear at any speed outside the $-1\times$ to $+1\times$ range for the DVCPRO50 (50 Mbps) format, the $-2\times$ to $+2\times$ range for the DVCPRO (25 Mbps) format and the $-1\times$ to $+1\times$ range for the DV format.) The dial is set to the clickstop at the centre: at this position a still picture appears on the screen.

To transfer operation from the shuttle mode to another mode, press the STOP button or another button.

<Note>

The unit is set at the factory in such a way that operation will be transferred to the shuttle or jog mode when the search dial is rotated. If it is inconvenient to transfer directly to the variable speed mode, operation transfer can be set up to go through the search button. Set setup menu item No. 100 (SEARCH ENA) to KEY.

MULTI CUE Function

Entering CUE points

■ Automatic entry

Using the search dial or in the PLAY mode, press the SET button at the place where the tape is to be cued. The CUE button in which the CUE point was entered now lights.

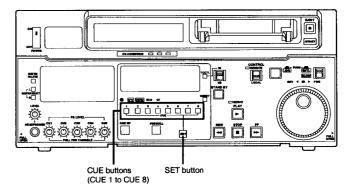
Each time the SET button is pressed at the next place where the tape is to be cued, the CUE point will be entered into the CUE button, in which a CUE point has not yet been entered, in sequence starting with the button having the lowest number.

When CUE points are entered in all 8 buttons, no further points will be entered even when the SET button is pressed. In this case, either overwrite an existing entry using the procedure for entry into a particular CUE button or reset the CUE point entry and then enter another CUE point.

■ Entry into a particular CUE button

There are two procedures for entering a CUE point into a particular CUE button.

- When a CUE point is to be entered into a CUE button in which no CUE point has been entered, press one of the CUE buttons (CUE 1 to CUE 8) directly at the place where the tape is to be cued. The lamp of the CUE button which was pressed now lights, indicating that the CUE point has been entered for that button.
- When a CUE point is to be entered into a CUE button in which a CUE point has already been entered, press the CUE button and SET button together at the place where the tape is to be used. In this case, the previous CUE point in the CUE button will be overwritten and a new CUE point will be entered.



MULTI CUE Function

Checking CUE points

Press one of the CUE buttons in which a CUE point has been entered to check the CUE point. The value of the entered CUE point appears on the display and the CUE button which was pressed now flashes. To release the flashing of the CUE button, either press the flashing CUE button or press another CUE button in which a CUE point has been entered. In this case, the flashing moves to the CUE button which was pressed.

■ Cueing up the tape to the CUE point

Press the CUE UP button while the CUE button is flashing. When this button is pressed, the tape is prerolled to the CUE point, and a still picture appears on the screen.

- The preroll time can be set using setup menu item No. 016 (CU-ROLL TIME).
- The mode to be established upon completion of the prerolling can be set to the STOP or STILL by setting setup menu item No. 315 (AFTER CUE-UP).

<Note>

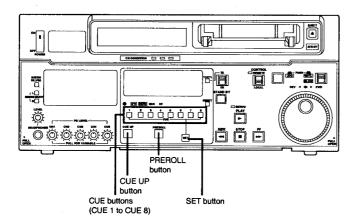
If the button is pressed when no CUE point has been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.

■ Prerolling the tape to the CUE point

Press the PREROLL button while the CUE button is flashing. When this button is pressed, the tape is prerolled to the CUE point, and a still picture appears on the screen.

- The preroll time can be set using setup menu item No. 000 (P-ROLL TIME).
- The mode to be established upon completion of the prerolling can be set to the STOP or STILL by setting setup menu item No. 315 (AFTER CUE-UP).
 Note>

If the button is pressed when no CUE point has been selected, the tape will be prerolled from the point where the button was pressed, and a still picture will appear on the screen.



MULTI CUE Function

Clearing CUE points

■ Clearing a particular CUE point

Press the RESET button while holding down the CUE button in which the point to be cleared has been entered. The entered CUE point will be reset, and the lamp of the CUE button concerned will go off at the same time.

■ Clearing all the CUE points together

Press the RESET button while holding down the SET button. All the entered CUE points will be reset and all the lamps of the CUE buttons will go off at the same time.

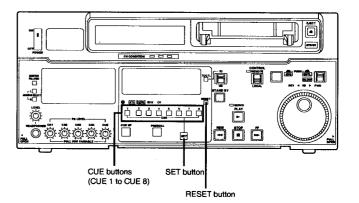
<Notes>

• The following applies when the CTL mode has been set.

When the RESET button is pressed while the SET button is held down, all the entered CUE points will be reset but the CTL value will not be reset.

Conversely, when the SET button is pressed while the RESET button is held down, all the entered CUE points will be reset and the CTL value will also be reset.

 The entered CUE points are not reset even when the tape is ejected. In the CTL mode, only the CTL value is reset.



Video Output Signal (Encoder Output) Adjustments

In order to ensure an accuracy which is free from errors during editing when proceeding with AB roll editing using two source units) using editors, it is necessary to adjust the video output signal (ENCODER OUT) after the system connections have been performed. (These adjustments must be performed again each time a connecting cable has been replaced or the connections are changed.)

The adjustment procedure for this unit is described below.

1 Check the connections. (See page 21)

2 Set the **®** REMOTE/LOCAL switch at the bottom of the front panel to the adjustment position (LOCAL).

REMOTE: The video output signals are adjusted using the external encoder remote controller.

LOCAL: The video output signals are adjusted using the controls on this unit.

Perform the adjustments separately for each source unit.

3-1 When the preset values are to be used

Set the PRESET/MANUAL switches for VIDEO LEVEL, CHROMA LEVEL, BLACK LEVEL and CHROMA PHASE to the PRESET position.

3-2 When adjusting the video output signals without using the PRESET values

1 Play back a cassette tape on which standard colour bars have been recorded.

2 Adjust the controls in such a way that the following will appear on the waveform monitor (WFM) and vectorscope (VSC).

A Black level:

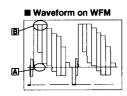
Adjust in such a way as to eliminate any deviation.

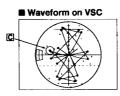
B Video level:

Adjust to 700 mV.

Chroma level and chroma phase:

Adjust the two controls and place the vector waveform traces within the square grid mark.





Adjust the connected source units in the same way.

Setup (Default Settings)

The unit's main settings are performed while making selections using a menu system. The setting menus will appear on a TV screen when the VIDEO OUT 3 connector on the connector panel has been connected to a TV monitor.

Changing the settings

Press the MENU button.

The setup menu screen appears on the TV monitor, and the setup menu item number appears on the unit's counter display.

(When setup has already been performed, the screen showing the changes made last is displayed.)

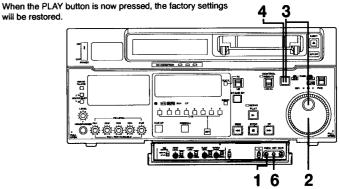
Rotate the search dial and select the item to be set.

The cursor (*) moves on the menu screen, and the item number on the display flashes.

- When the dial is rotated clockwise, the flashing item number is incremented (001 \rightarrow 002 \rightarrow 003 \rightarrow 004 \rightarrow and so on); when it is rotated counterclockwise, it is decremented.
- When the FF or REW button is pressed while the PLAY button is held down, the next or previous item is selected.
- · Use the search dial in the JOG mode whenever possible.
- Rotate the search dial while holding down the search button at the position where the change is to be made. The menu screen and setting on the display flash.

 When the dial is rotated clockwise, the setting is incremented; when it is rotated counterclockwise, it is decremented.
- Release the search button when the settings are completed. The item number now flashes.
 - When the search dial is in the SHTL mode, the item will move unless the dial is held at the STILL position.
- 5 Repeat steps 2 to 4 if another item is to be changed.
- Press the SET button. The changes made are now stored in the memory. To return the settings to what was set before the changes were made, press the MENU button.
 - To return the setup settings to the factory (default) settings, press the RESET button while the menu is displayed. The following message will appear.

SETUP-MENU INIT SET YES<PLAY>/NO<STOP>



<Notes>

When the RESET button is pressed to restore the factory settings, the change will be made for the user file in current use only. The other user files will not be affected.

The changes made to the SYSTEM menu settings can be stored in the memory also by pressing the MENU hutter.

Setup (Setting) Menus

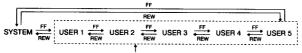
This unit offers five user files each of which can hold different menu settings. One of these files can be selected for use as the situation demands.

Changing the file

1 Press the MENU button.

When the FF button is pressed while the STANDBY button is held down, the next user file is selected in place of the current user file.

Conversely, when the REW button is pressed while the STANDBY button is held down, the previous user file is selected in place of the current user file.



User files

Each user file has the following items.

- BASIC
- OPERATION
- INTERFACE
- EDIT
- TAPE PROTECT
- TIME CODE
- · VIDEO
- AUDIO
- · V BLANK
- MENU
- When the user file to be used has been selected in step 2, press the SET button. The user file is changed and stored in the memory.

<Note>

The SYSTEM menu items are not contained in user files 1 to 5. Therefore, to set the SYSTEM menu items, select the user file and switch to the SYSTEM file.

Setup Menus

The lock mode can be set to protect the settings in the system file and user files (USER2 to USER5). Once the lock mode has been set, it is no longer possible to change the settings. The setting and release of the lock mode can be performed using setup menu item No. 30 (MENU LOCK) for the system file and using setup menu item No. A03 (MENU LOCK) for the user files.

Setting and releasing the lock mode

- 1 Press the MENU button.
- Press the FF or REW button while the STANDBY button is held down to select the file for which the lock mode is to be set or released.
- Rotate the search dial, and move the cursor (*) on the menu screen to No. 30 (MENU LOCK) for the system file or to No. A03 (MENU LOCK) for the user files.
- Rotate the search dial while the search button is held down, and select whether to set or release lock mode.

Set lock: Set the setting to 0001 (ON).

Release lock: Set the setting to 0000 (OFF).

When the lock is set, "LOCKED" appears at the top of the menu screen. In addition, the counter display stops flashing and lights up.

| | SETUI | P-MENU | LOCKE | an |
|---|--|--------|--------|--------|
| | <use< th=""><th>R2></th><th>No.000</th><th>- 0005</th></use<> | R2> | No.000 | - 0005 |
| | | | L TIME | |
| | | | ENA | |
| | | | TIMER | ±12h |
| į | | REMAI | | OFF |
| | | | NUMBER | OFF |
| | 007 | SUPER | | ON |
| | 008 | DISPL | AY SEL | T&STA |
| | 009 | CHARA | H-POS | 5 |
| | 010 | CHARA | V-POS | 23 |
| | | | | |

Press the SET button. The setting is now stored in the memory.

<Notes>

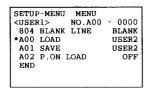
- . The lock mode cannot be set for the USER1 file.
- Once a file has been set to the lock mode, it cannot be reset to the factory settings even when the RESET button is pressed.

The contents of the USER2 to USER5 files can be copied (loaded) to the USER1 file. Alternatively, the contents of the USER1 file can be copied (saved) to the USER2 to USER5 files.



Loading a user file

- 1 Press the MENU button.
- Press the FF or REW button while the STANDBY button is held down and select USER1.
- Rotate the search dial, and move the cursor (*) on the menu screen to No. A00 (LOAD).



- Rotate the search dial while the search button is held down, and select the user file which is to be loaded in USER1.
- Press the SET button. The following messages now appear on the menu screen and counter display.



The number of the user file selected in step 4 is displayed in the shaded area.

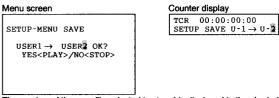
- Press the PLAY button. The settings in the user file selected in step 4 are loaded, and the USER1 menu display appears. If the STOP button is pressed instead, the USER1 menu display appears with its settings remaining unchanged.
- Rotate the search dial, and move the cursor (*) on the menu screen to any item except No. A00 (LOAD) or No. A01 (SAVE).
- Press the SET button. The USER1 settings are now stored in the memory. If they are not going to be stored in the memory, press the MENU button instead of the SET button.

Saving a user file

- 1 Press the MENU button.
- Press the FF or REW button while the STANDBY button is held down and select USER1.
- Rotate the search dial, and move the cursor (*) on the menu screen to No. A01 (SAVE)

| Γ | SETU | P-MENU | MENU | |
|-----|--|--------|--------|--------|
| -1 | <usee< th=""><th>R1></th><th>NO.A00</th><th>- 0000</th></usee<> | R1> | NO.A00 | - 0000 |
| 1 | 804 | BLANK | LINE | BLANK |
| | A00 | LOAD | | USER2 |
| - | *A01 | SAVE | | USER2 |
| - | A02 | P.ON | LOAD | OFF |
| - | END | | | |
| - | | | | |
| - 1 | | | | |

- Rotate the search dial while the search button is held down, and select the user file in which the USER1 settings are to be saved. User files which have been set to the lock mode will not be displayed at this time. If all the user files are set to the lock mode, the "LOCKED" display appears, and the save operation cannot be performed.
- Press the SET button. The following messages now appear on the menu screen and counter display.



The number of the user file selected in step 4 is displayed in the shaded area.

- Press the PLAY button. The USER1 settings are saved in the user file selected in step
 4. If the STOP button is pressed instead, the USER1 menu display appears with its
 settings remaining unchanged.
- Rotate the search dial, and move the cursor (*) on the menu screen to any item except No. A00 (LOAD) or No. A01 (SAVE).
- Press the SET button. The USER1 settings are now stored in the memory. If they are not going to be stored in the memory, press the MENU button instead of the SET button.

Automatically calling a user file when the power is turned on

If the user file to be loaded is set in advance using setup menu item No. A02 (P.ON LOAD), the file will be loaded into USER1 automatically when the power is turned on.

Setup (Setting) Menus

SYSTEM menu

<SYSTEM>

| | Item | | Setting | |
|-----|----------------------|--------------|----------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 00 | WFM SEL | 0000 | CTL | This enables various signals to be output from the VIDEO |
| | | 0001 | TC | OUT2 output connector. |
| | | 0002 | VIDEO | 0: The CTL signal is output. |
| | | 0003 | SYNC | The time code signal is output. |
| | | 0004 | RF_L1 | 2: The video output signal is output. |
| | | 0005 | RF_L2 | The sync signal is output. The PB L13ch RF signal is output. |
| | | 0006 | RF_R1 | 5: The PB L24ch RF signal is output. |
| | | 0007 | RF R2 | 6: The PB R13ch RF signal is output. |
| | | 0008 | RF_DL | 7: The PB R24ch RF signal is output. |
| | | 0009 | RF DR | 8: The DV L12ch RF signal is output. |
| | | 0010 | ENV L1 | 9: The DV R12ch RF signal is output. |
| | | 0011 | ENV L2 | 10: The PB L13ch ENV signal is output. |
| | | 0012 | ENV R1 | 11: The PB L24ch ENV signal is output. |
| | | 0013 | ENV_R2 | 12: The PB R13ch ENV signal is output. |
| | | 0014 | ENV DL | 13: The PB R24ch ENV signal is output. |
| | | 0015 | ENV_DR | 14: The DV L12ch ENV signal is output. |
| | | | _ | 15: The DV R12ch ENV signal is output. |
| 11 | SYS SC | 0000 | -127 | System phase adjustment: total variable range = more than |
| | 1 | l . i_ | :_ | ±180° |
| | | <u> 0127</u> | 0 | -: Advanced |
| | | . : | : | +: Delayed |
| | į | 0255 | 128 | <note> The setting will remain unchanged even if an operation is</note> |
| | | | | performed to restore the factory setting. |
| 12 | SYSH | 0000 | -108 | System phase adjustment: 74 nsec steps |
| 12 | 31311 | 10000 | -106 | -: Advanced |
| | 1 | 0108 | | +: Delayed |
| | | | · · | <note></note> |
| | | 0216 | 108 | The setting will remain unchanged even if an operation is performed to restore the factory setting. |
| 13 | VIDEO | 0000 | -32 | Video phase adjustment: 148 nsec steps |
| ' | PHASE | 0000 | 52 | -: Advanced |
| | ITTACE | 0032 | 0 | +: Delayed |
| | i | - | : | • |
| | | 0064 | 32 | |
| 14 | SCH | 0000 | 0 | SCH phase adjustment: 90° increments |
| | COARSE | 0001 | 90 | -: Advanced |
| | | 0002 | 180 | +: Delayed |
| | | 0003 | 270 | (The SC phase changes; the H phase does not change.) |
| 15 | SCH | 0000 | -32 | CH phase adjustment: total variable range = more than ±45° |
| | FINE | | 1 | (The SC phase changes; the H phase does not change.) |
| | | 0032 | 0 | |
| | | | : | |
| | L | 0064 | 32 | |
| 16 | AV PHASE | 0000 | -100 | This adjusts the phase of the audio output in relation to the |
| | | 0100 | | video output phase: 20.8 µsec steps. -: The audio output phase advances ahead of the video |
| | 1 | 0100 | <u>.</u> 0 | output phase. |
| | | 0200 | 100 | +: The audio output phase lags behind the video output |
| | | | | phase. |

[&]quot;__" denotes the factory setting.

Setup (Setting) Menus

SYSTEM menu

<SYSTEM> (continued)

| | Item | | Setting | |
|-----|----------------------|--|------------------------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 17 | SYS H
RANGE | 0000
0001 | FULL
FINE | This selects the variable range for SYSTEM H when the ENCODER REMOTE connector is connected. 0: ±8 µsec 1: -2 to +2.7 µsec Notes • The setting will remain unchanged even if an operation is performed to restore the factory setting. • The FULL operation results regardless of this item's setting if SYSTEM H is varied using this unit instead of using the encoder remote controller. |
| 18 | SYS H
OFFSET | 0000
0001
0002
0003
0004
0005
0006 | -3
-2
-1
0
1
2
3 | la 150 |
| 19 | SYS SC/H | <u>0000</u>
0001 | REMOTE
LOCAL | This sets whether the system phase is to be adjusted by the unit or from the external encoder remote controller. O: The system phase is adjusted from the external encoder remote controller. I: The system phase is adjusted by the unit. Notes This setting does not take effect when the ENCODER CONTROL switch at the bottom of the front panel is set to LOCAL. |
| 30 | MENU
LOCK | 0000
0001 | OFF
ON | This selects whether the lock mode is to be set or released for the system file. 0: Lock is released (changes can be made). 1: Lock is set (no changes can be made). Notes Setup menu item No. 00 (WFM SEL) can be changed at any time regardless of the setting of this menu item. |

[&]quot;__" denotes the factory setting.

Video output signal adjustments

The video output signal adjustments are made using the ENCODER CONTROL switch at the bottom of the front panel and the SYSTEM menu Item No. 19 (SYS SC/H) setting. A control matrix of the adjustments is shown below.

| | Setting | Adjustment item | | | |
|---------------------------|----------------------------------|---|--------------------------------------|------------------------------------|--|
| ENCODER
CONTROL switch | SYSTEM menu item
19: SYS SC/H | SYSTEM menu item
11: SYS SC
12: SYS H | SYSTEM menu item
17: SYS H RANGE | | |
| LOCAL | LOCAL | Unit | | Unit | |
| | REMOTE | | Always FULL regardless
of setting | Onit | |
| REMOTE | LOCAL | Unit | 1 | | |
| | REMOTE | External encoder remote controller | FULL/FINE | External encoder remote controller | |

Setup menus

USER menus

<BASIC>

| | Item | : | Setting | |
|-----|----------------------|----------------------|---------------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 000 | P-ROLL
TIME | 0000
0005
0015 | 0S
:
5S
:
15S | This sets the time for the preroll which is initiated by the
PREROLL button. It can be set from 0 to 15 seconds in
1-second increments. |
| 001 | LOCAL
ENA | 0000
0001
0002 | DIS
ST&EJ
ENA | This selects the buttons which can be operated on the front panel when the REMOTE/LOCAL switch has been set to REMOTE. 0: No buttons can be operated. 1: Only the STOP and EJECT buttons can be operated. 2: All the buttons can be operated. |
| 002 | TAPE
TIMER | <u>0000</u>
0001 | <u>±12h</u>
24h | This selects the 12- or 24-hour display for the CTL counter. 0: 12-hour display 1: 24-hour display |
| 003 | REMAIN
SEL | 0000
0001 | OFF
ON | This selects whether to indicate the remaining tape time (REMAIN) on the front panel display and the superimposed display at the VIDEO OUT 3/SERIAL OUT 3 connectors. 0: Remaining tape time is not displayed. 1: Remaining tape time is displayed. **Notes** • The remaining tape time is indicated at the far right of the second digit on the front panel display and superimposed display. • Even when 1 (ON) has been selected, the remaining tape time is not displayed while it is being calculated after the cassette has been elected or inserted. • When TIME has been selected as the setup menu item No. 008 (DISPLAY SEL) setting, the time is not indicated on the superimposed display. • No display appears if the freeze mark (F) is indicated by the setup menu item No. 111 (FRZ MODE SEL) setting. • No display appears if the treeze mark (F) is sensed and BOT or EOT is displayed. |
| 004 | SETUP
NUMBER | 0000 | OFF
ON | This selects whether the SETUP MENU No. is to be displayed on the front panel. 0: The SETUP MENU No. is not displayed. 1: The SETUP MENU No. is displayed. |
| 007 | SUPER | 0000
_0001 | OFF
ON | This selects whether the time code and other superimposed displays are to be shown at the VIDEO OUT 3/SERIAL OUT 3 connector. O: Superimposed displays are not shown. 1: Superimposed displays are shown. |

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<BASIC> (continued)

| | Item | | Setting | |
|-----|----------------------|--|---|---|
| No. | Superimposed display | No. | Superimposed
display | Description |
| 008 | DISPLAY
SEL | 0000
0001
0002
0003
0004
0005
0006 | TIME
T&STA
T&S&M
T&RT
T&YMD
T&MDY
T&DMY | This selects what information is to be provided by the time code and other superimposed displays at the VIDEO OUT 3/ SERIAL OUT 3 connector. 0: Time only 1: Time and operating mode 2: Time, operating mode and mode 3: Time and REC TIME 4: Time and REC DATE (year/month/day) 5: Time and REC DATE (year/month/day) 6: Time and REC DATE (day/month/year) 6: Time and REC DATE (day/month/year) 7.Notess 1. Displayed as the mode is DVCPRO_50 for the DVCPRO50 (50 Mbps) format, DVCPRO for the DVCPRO (25 Mbps) format or DV for the DV format. 2. An error message appears if a warning or error has occurred when 2 (T&S&M) has been selected as this setting. 3. REC TIME and REC DATE are displayed during DV playback only. With the DVCPRO50 (50 Mbps) or DVCPRO (25 Mbps) format, the operating mode is displayed. |
| 009 | CHARA
H-POS | 0000
0004
0015 | 0
 | This sets the horizontal position of the characters for the time code and other superimposed displays of the VIDEO OUT 3/ SERIAL OUT 3 connector. Note> When this item is set, the time code and other superimposed displays are output to VIDEO OUT 3/SERIAL OUT 3 in the DISPLAY SEL status even if SUPER OFF has been set. However, when the menu is exited, operation complies with the SUPER OFF/ON setting. Furthermore, CHARA TYPE as set in the menu is output to VIDEO OUT 3/SERIAL OUT 3. |
| 010 | CHARA
V-POS | 625 m
0000
0023
0028
525 m
0000
0018 | 0
:
23
:
28 | This sets the vertical position of the characters for the time code and other superimposed displays of the VIDEO OUT 3/ SERIAL OUT 3 connector. *Notes> 1. When this item is set, the time code and other superimposed displays are output to VIDEO OUT 3/SERIAL OUT 3 in the DISPLAY SEL status even if SUPER OFF has been set. However, when the menu is exited, operation complies with the SUPER OFF/ON setting. 2. When the DISPLAY SEL setting causes characters to extend beyond the edges of the screen, the setting is changed in such a way that the characters are automatically displayed at a position where they are contained within the screen. |

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<BASIC> (continued)

| | Item | 1 | Setting | |
|-----|----------------------|---------------------|-----------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 011 | CHARA
TYPE | <u>0000</u>
0001 | WHITE
W/OUT | This selects the display type for the superimposed displays of the VIDEO OUT 3/SERIAL OUT 3 connector, the setup menus, etc. 0: White characters against a black background 1: White characters with a black border |
| 012 | SYS
FORMAT | <u>0000</u>
0001 | <u>50M</u>
25M | This sets the playback format. 0: The DVCPRO50 (50 Mbps) format is selected. 1: The DVCPRO (25 Mbps) format is selected. |
| 013 | PB FORMAT | 0000
0001 | MANUAL
AUTO | This sets the tape playback format. 0: The format complies with the setup menu item No. 012 (SYS FORMAT) setting. 1: The format complies with the format recorded on the tape when the DVCPRO mode has been selected as the setup menu item No. 014 (FORMAT SEL) setting. Notes There is no automatic setting in the 625/525 mode. |
| 014 | FORMAT | 0000 | DVCPRQ | This selects the format when an L size cassette is used. 0: DVCPRO (50 Mbps, 25 Mbps) mode 1: DV mode Notes> Bear in mind that the following problems may arise over and above trouble with playback if a tape with a different format from the one selected is inserted. 1. The remaining tape time will not be displayed accurately. 2. The slow-down positions near the tape start and end will not be located accurately. 3. In addition, no guarantees are given for performance, etc. if a tape with a different format from the one selected is inserted. |
| 016 | CU-ROLL
TIME | 0000
:
0015 | <u>Os</u>
:
15s | This sets the time for the preroll which is initiated by the CUE UP button. It can be set from 0 to 15 seconds in 1-second increments. |

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<OPERATION>

| | Item | | Setting | |
|-----|----------------------|-----------------------------|--------------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 100 | SEARCH
ENA | <u>0000</u>
0001 | DIAL
KEY | This selects the direct search dial operation. 0: For direct search dial operations. 1: Operation is not transferred to the search mode unless the search button is pressed. |
| 101 | SHTL MAX | 0000
<u>0001</u>
0002 | ×8.4
x16
x32 | This sets the maximum speed for shuttle operations. 0: 8.4x (7.0x) normal speed 1: 16x normal speed 2: 32x normal speed Notes Notes The speed sp |
| 102 | FF. REW
MAX | 0000
0001
0002 | ×16
<u>×32</u>
×50 | This sets the maximum speed for FF and REW operations. 0: 16x (32x) normal speed 1: 32x (60x) normal speed 2: 50x (100x) normal speed 2: 50x (100x) normal speed Notes> The values for the DVCPRO (25 Mbps) format are shown in parentheses. With the DV format, the maximum speed is set to 32x regardless of this item's settings. |
| 103 | AUDIO
MUTE | 0000
0001 | OFE
ON | This sets the status that is established until the audio signals are output when operation is transferred from the STOP or search mode to PLAY. 0: The time until the sound is output is shortened. 1: The sound is output only after the status transfer is completed. <notes 0,="" at="" be="" beginning="" broadcasts.<="" for="" imperfect.="" in="" is="" item="" not="" output="" part="" recommended="" set="" setting="" sound="" td="" the="" therefore,="" this="" to="" use="" when="" which="" will="" with=""></notes> |
| 104 | REF
ALARM | 0000
0001 | OFF
ON | This selects whether to display a warning for the operator when the REF.VIDEO signal has not been connected. O: A warning is not displayed. 1: A warning is displayed in the form of a flashing STOP lamp. |
| 107 | PLAY
DELAY | 0000 | 0
:
15 | This sets the play startup time in frame increments. |
| 108 | CAP.LOCK | 0000
0001 | 4F
8E | This selects the CAPSTAN LOCK mode when the CF switch has been set to 4F or 8F. 0: 4F mode 1: 8F mode <-Notes- This setup menu item is not displayed in the 525 mode. |
| 109 | AUTO REW | 0000
0001 | OFF
ON | This selects whether to rewind the tape automatically to the tape start when the tape end has been detected. 0: The tape stops at the tape end. 1: The tape is rewound to the tape start. |

[&]quot;__" denotes the factory setting.

USER menus

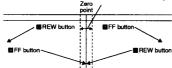
<OPERATION> (continued)

| item | | Setting | | |
|------|----------------------|----------------------|-------------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 110 | MEMORY
STOP | <u>0000</u>
0001 | OFE
ON | This selects whether the VTR is to stop automatically whe the counter value reaches "0" during fast forwarding or rewinding in the CTL mode. 0: The VTR does not stop. 1: The VTR stops automatically. **Notess** 1. The stop mode concerned is either the stop or still-pictur (SHTL STILL) mode depending on the setup menu iter No. 315 (AFTER CUL-UP) setting. 2. When the AUTO REW function and MEMORY function have been selected at the same time, the AUTO REV function takes precedence. |
| 111 | FRZ MODE
SEL | 0000
0001
0002 | DIS
STBOFF
SOFÆEJ | This selects the image which is to be output in the STANDB OFF (HALF LOADING) mode and EJECT mode. 0: The video output is muted. 1: In the STANDBY OFF (HALF LOADING) mode only, the playback picture corresponding to the point in time when the STANDBY OFF mode was established is frozen and output corresponding to the playback picture corresponding to the point time when the mode was established is frozen and output choice. **Note** The mode of field treeze is used when the playback picture frozen. |

[&]quot;__" denotes the factory setting.

Description of memory stop function

The memory stop function does not work if it is activated within a range of 0 \pm 2 frames.



- When the FF button is pressed, the VTR performs the regular fast forward operation since the zero point is not located in the direction of operation.
- When the REW button is pressed, the PREROLL lamp lights (the SHTL lamp also lights), the VTR proceeds with the preroll operation, and it automatically stops when it reaches the position where the counter reads "0".
- When the REW button is pressed, the VTR performs the regular rewind operation since the zero point is not located in the direction of operation.
- When the FF button is pressed, the PREROLL lamp lights (the SHTL lamp also lights), the VTR proceeds with the preroll operation, and it automatically stops when it reaches the position where the counter reads "0".

Setup menus

USER menus

<INTERFACE>

| | Item | | Setting | |
|-----|----------------------|--|--|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 200 | PARA RUN | 0000
0001 | DIS
ENA | This selects whether two or more VTRs are to be operated in synchronization. 1: The VTRs are not operated in synchronization. 1: The VTRs are operated in synchronization. Note> When the VTRs are to be operated in synchronization, set item 200 to "1" for all the VTRs. |
| 201 | 9P SEL | 0000
_0001 | OFF
ON | This selects whether the 9P connector is to function when the REMOTE/LOCAL switch has been set to REMOTE. 0: The 9P connector does not function. 1: The 9P connector functions. |
| 202 | ID SEL | 0000
0001 | _OTHER
DVCPRO | This selects the ID information which is returned to the controller. 0: 21 25H in the 625 mode; 20 25H in the 525 mode 1: ID inherent to DVCPRO F1 33H in the 625 mode; F0 33H in the 525 mode |
| 203 | 25P SEL | 0000
0001 | OFF
ON | This selects whether the PARALLEL (25P) connector is to function when the REMOTE/LOCAL switch has been set to REMOTE. 1: The 25P connector does not function. 1: The 25P connector functions. |
| 204 | RS232C SEL | _0000
0001 | OFF
ON | This selects whether the RS-232C connector is to function when the REMOTE/LOCAL switch has been set to REMOTE. 0: The RS-232C connector does not function. 1: The RS-232C connector functions. |
| 205 | BAUD RATE | 0000
0001
0002
0003
0004
0005 | 300
600
1200
2400
4800
9600 | This sets the RS-232C communication speed (baud rate). |
| 206 | DATA
LENGTH | 0000
0001 | 7
8 | This sets the RS-232C data length (unit: bit). |
| 207 | STOP BIT | 0000
0001 | 1 | This sets the RS-232C stop bit length (unit: bit). |
| 208 | PARITY | 0000
0001
0002 | NON
ODD
EVEN | This sets none, odd or even for the RS-232C parity bit. 0: Parity bit is not used. (None) 1: An odd number of bits is used for the parity. (Odd) 2: An even number of bits is used for the parity. (Even) |
| 209 | RETURN
ACK | 0000
0001 | OFF
ON | For selecting whether the ACK code is to be returned when a command is received from RS-232C. 0: ACK code is not returned. 1: ACK code is returned. |
| 210 | 25P STBY
CMD | <u>0000</u>
0001 | OFF/ON
ON | This selects the method used in connection with detecting the STANDBY COMMAND signal input at the PARALLEL (25P) connector. 0: Each time an active signal is detected, the mode is switched from STANDBY ON to STANDBY OFF or vice versa. 1: When an active signal is detected in the STANDBY OFF mode, operation is transferred to the STANDBY ON mode. This setting has no effect on operation while the unit is in the STANDBY ON mode. |

[&]quot;__" denotes the factory setting.

USER menus

<EDIT>

| | Item | | Setting | |
|-----|----------------------|----------------------|----------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 315 | AFTER
CUE-UP | 0000
0001 | STOP
STILL | This selects the unit's mode upon completion of the cue-up operation. O: The unit is set to the stop mode. 1: The unit is set to the still-picture (SHTL STILL) mode. |
| 319 | VAR STEP | <u>0000</u>
0001 | FINE
COARSE | This selects the VAR speed above ±1x for remote control operations. 0: The tape is played at a speed which can be varied in fine steps. 1: The tape is played at a speed which can be varied in coarse steps. Note> Phase synchronization from the editing controller is not possible at the '1" (COARSE) setting. |
| 320 | VAR FWD
MAX | 0000
0001
0002 | +4.1
+1.85
+1 | This sets the maximum VAR FWD speed. 0: DVCPRO50 (50 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DV = +3.1× normal speed DVCPRO (25 Mbps) = +2.85× normal speed DVCPRO (25 Mbps) = +2× normal speed DVCPRO (25 Mbps) = +2× normal speed DV = +1.85× normal speed 2: +1× normal speed CNote> Phase synchronization from the editing controller is not possible at a setting other than "0" (+4.1). |
| 321 | VAR REV
MAX | 0000
0001
0002 | | This sets the maximum VAR REV speed. 0: DVCPROS (36 Mbps) = -4.1x normal speed DVCPRO (25 Mbps) = -4.1x normal speed DVCPRO (25 Mbps) = -4.1x normal speed DV = -3.1x normal speed 1: DVCPROS0 (50 Mbps) = -1.85x normal speed DVCPRO (25 Mbps) = -2x normal speed DV = -1.85x normal speed DV = -1.85x normal speed CPVCPRO (25 Mbps) = -2x normal sp |
| 322 | JOG STEP | 0000
0001 | FINE
COARSE | This selects the JOG speed during remote control operations. 0: The tape is played at a speed which can be varied in fine steps. 1: The tape is played at a speed which can be varied in coarse steps. Notes Phase synchronization from the editing controller, which synchronizes the phase using the JOG command, is not possible at the "1" (COARSE) setting. |
| 323 | JOG FWD
MAX | 0000
0001
0002 | +4.1
+1.85
 | This sets the maximum JOG FWD speed. 0: DVCPRO50 (50 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DVCPRO (25 Mbps) = +4.1× normal speed DV = +3.1× normal speed DVCPRO (25 Mbps) = +2× normal speed DVCPRO (25 Mbps) = +2× normal speed DV = +1.85× normal speed 2: +1× normal speed 2: +1× normal speed 4. Notes> When the dial is operated on the front panel, the maximum playback speed is +1× normal speed for the DVCPRO50 (50 Mbps) and DV formats. With the DVCPRO (25 Mbps) format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "0" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "0" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "0" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 3: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 4: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 4: \$00 format, it is +2× normal speed at "0" or "1" and +1× normal speed 4: \$00 format, it is +2× normal speed 4: \$00 f |

[&]quot;_." denotes the factory setting. 44 (E)

Setup menus

USER menus

<EDIT> (continued)

| | Item | | Setting | |
|-----|----------------------|----------------------|----------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 324 | JOG REV
MAX | 0000
0001
0002 | -4.1
-1.85
1 | This sets the maximum JOG REV speed. 0: OVCPRO50 (50 Mbps) = -4.1× normal speed DVCPRO (25 Mbps) = -4.1× normal speed DVCPRO (25 Mbps) = -4.1× normal speed DVCPRO (25 Mbps) = -1.85× normal speed DVCPRO (25 Mbps) = -2× normal speed DV = -1.85× normal speed DV = -1.85× normal speed SV = -1× normal speed SV = |

[&]quot;__" denotes the factory setting.

Setup menus

USER menus

<TAPE PROTECT>

| | Item | Setting | | |
|-----|----------------------|--|---|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 400 | STILL
TIMER | 0000
0001
0002
0003
0004
0005
0006
0007
0008 | 0.5s
5s
10s
20s
30s
40s
50s
1min
2min | This selects the time taken until the tape protection mode is established when the unit has been left standing in the stop or search still (JOG/VAR/SHTL) mode. (Unit: s = second, min = minute) Note> When a DV tape for general consumer applications is used, any setting above 10 seconds will be treated as 10 seconds. However, the selection screen will show operations up to 2 minutes. |
| 401 | SRC
PROTECT | <u>0000</u> | STEP
HALF | When the time selected as the setup menu item No. 400 (STILL TIMER) setting elapses while the unit is in the search STILL (JOG/VAR/SHTL) mode, the unit automatically enters a tape protection mode. This menu item is for selecting which tape protection mode is to be entered by the unit. 0: STEP FWD 1: HALF LOADING Notes When STEP FWD has been selected, the STANDBY OFF (HALF LOADING) mode will automatically be established when the total time during which the unit has been left standing in the still status has reached 30 minutes (or 1 minute for a DV tape). |
| 402 | DRUM
STDBY | 0000
0001 | OFF
ON | This selects whether the head drum is to be rotated when operation is transferred to the STANDBY OFF (HALF LOADING) mode. 1: The head drum is stopped. 1: The head drum is rotated. |
| 403 | STOP
PROTECT | 0000
0001 | STEP
HALE | When the time selected as the setup menu item No. 400 (STILL TIMER) setting elapses while the unit is in the STOP mode, the unit automatically enters a tape protection mode. This menu item is for selecting which tape protection mode is to be entered by the unit. O: STEP FWD 1: HALF LOADING Note> When STEP FWD has been selected, the STANDBY OFF (HALF LOADING) mode will automatically be established when the total time during which the unit has been left standing in the stop status has reached 30 minutes (or 1 minute for a DV tape). |

[&]quot;__" denotes the factory setting.

<Pre><Pre>caution for STILL TIMER setting>

The cumulative standby time at the same position increases when programmes are transmitted or at other times when the same material is used repeatedly, etc.

Setup menus

USER menus

<TIME CODE>

| | ltem | | Setting | |
|-----|----------------------|---|------------------------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 500 | VITC
BLANK | 0000
0001 | BLANK
_THRU | This selects whether to output the VITC data to the positions selected by VITC POS-1 in 501 and VITC POS-2 in 502. 1: The data is not output. |
| 501 | VITC
POS-1 | 0000
0000
00004
0015
525 mc
0000
0006 | 7L
11L
22L
ode 10L
16L | This sets the position where the VITC signal is to be inserted. (The same line as for VITC POS-2 in 502 cannot be selected.) |
| 502 | VITC
POS-2 | 0010
625 me
0000
 | 7L
::
 | This sets the position where the VITC signal is to be inserted. (The same line as for VITC POS-1 in 501 cannot be selected.) |
| 507 | PHASE
CORR | <u>0000</u>
0001 | <u>OFF</u>
ON | This selects whether to control the phase correction of the LTC output during playback. O: Phase correction control is not performed. 1: Phase correction control is performed. |
| 509 | DF MODE | 0000
0001 | DF
NDF | This selects the DF or NDF mode for CTL. 0: Drop frame mode 1: Non-drop frame mode Notes> This item is valid when the unit is in the LOCAL mode or when "ENA" is selected as the menu setup item No. 001 (LOCAL ENA). This setup menu item is not displayed in the 625 mode. |
| 511 | VITC OUT | 0000
0001 | <u>SBC</u>
VAUX | This selects the method of outputting VITC which is super-
imposed onto the video output signals.
SBC: The time code recorded in the SBC area is output as
the VITC.
VAUX:The time code recorded in the VAUX area is output as
the VITC. |

[&]quot;__" denotes the factory setting.

SBC (Sub Code Data) area

This area is separate from the video and audio data area on the helical track. It is used to store the time codes complying with the SMPTE/EBU standard. As with the conventional linear time code (LTC), the time code can be read even during rewinding or fast forwarding. It can also be read when the tape has stopped.

VAUX (Video Auxiliary Data) area

This area is located in the video data area on the helical track. It is used to store the auxiliary data relating to the video data.

<Note>

Control over the time code and user bit during tape play is exercised using the data recorded in the SBC area. In other words, data recorded in the SBC area is used as the source of the data which is displayed or superimposed or the data which is sent to the editing controller.

Setup menus

USER menus

<VIDEO>

| | Item | Setting | | |
|-----|----------------------|---------------------|----------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 602 | V-MUTE
SEL | 0000
<u>0001</u> | N-MUTE
LOW RE | This selects whether the video output signal is to be muted when a blank part of the tape has been detected during playback. 0: The video signal is not muted (it is frozen). 1: The video signal is muted (it is turned to gray). |
| 603 | CC (F1)
BLANK | 0000
_0001 | BLANK
<u>THRU</u> | This selects ON or OFF for the closed caption signal in the first field. 0: The signal is forcibly blanked. 1: The signal is not forcibly blanked. Note- This setup menu item is not displayed in the 625 mode. |
| 604 | CC (F2)
BLANK | 0000
0001 | BLANK
THRU | This selects ON or OFF for the closed caption signal in the second field. 1: The signal is forcibly blanked. 1: The signal is not forcibly blanked. Note> This setup menu item is not displayed in the 625 mode. |
| 605 | FREEZE
SEL | 0000
0001 | FIELD
FRAME | This selects the freeze mode for still pictures. 0: Fleid freeze 1: Frame freeze Note> When frame freeze has been selected, the frame slow status is established in the slow-motion mode. |
| 606 | OUT C
KILL | 0000
0001 | B/W
_COLOR | This selects the chroma colour killer processing for the video output signals. 0: The signals are forcibly processed as black-and-white signals. 1: The signals are automatically processed. |
| 609 | EDH | 0000
0001 | OFF
ON | This selects whether to superimpose EDH onto the serial output signals. 0: EDH is not superimposed. 1: EDH is superimposed. |
| 614 | Pb/Pr OUT
LV | 0000
0001 | MII
B-CAM | This selects the analogue component output level. 0: Mil level 1: Betacam level -\Note> This setup menu item is not displayed in the 625 mode. |
| 618 | INTER-
POLATE | 0000
_0001 | OFF
AUTO | During slow-motion playback, vertical interpolation is per-
formed automatically to reduce the up and down movement of
the playback picture. However, this setting can be used to
forcibly turn off this interpolation.
0: The interpolation is forcibly turned off.
1: The interpolation is automatically turned on during slow-
motion playback. |
| 620 | ESR MODE | 0000
0001 | OFF
_AUTO | This selects the operation mode of the edge subcarrier reduction (ESR) in the playback circuit. 0: ESR is forcibly turned off. 1: ESR is automatically turned on or off depending on the VTR operation. |
| 621 | CCR MODE | 0000
0001 | OFF
ON | This selects the cross-colour processing during playback. 0: The signals which are output remain unchanged. 1: Cross-colour can be reduced. <notes 625="" displayed="" in="" is="" item="" menu="" mode.<="" not="" setup="" td="" the="" this=""></notes> |

[&]quot;_" denotes the factory setting.

Setup menus

USER menus

<AUDIO>

| | Item | | Setting | |
|------|----------------------|----------------------|----------------------------|--|
| No. | Superimposed display | No. | Superimposed display | Description |
| 706* | CH1 OUT
LV | 0000
0001
0002 | 4dB
0dB
_20dB | This selects the audio output (CH1) reference level switching. |
| 707* | CH2 OUT
LV | 0000
0001
0002 | 4dB
<u>0dB</u>
-20dB | This selects the audio output (CH2) reference level switching. |
| 708* | CH3 OUT
LV | 0000
0001
0002 | 4dB
0dB
20dB | This selects the audio output (CH3) reference level switching. |
| 709* | CH4 OUT
LV | 0000
0001
0002 | 4dB
<u>0dB</u>
–20dB | This selects the audio output (CH4) reference level switching. |
| 710* | CUE OUT
LV | 0000
0001
0002 | 4dB
0dB
_20dB | This selects the cue output reference level switching. |
| 711* | MONIL
OUT
LV | 0000
0001
0002 | 4dB
<u>0dB</u>
-20dB | This selects the audio monitor output (Lch) reference level switching. |
| 712* | MONIR
OUT
LV | 0000
0001
0002 | 4dB
0dB
20dB | This selects the audio monitor output (Rch) reference level switching. |
| 713 | MONI
OUT | 0000
0001 | UNITY
VAR | This selects the audio monitor output UNITY/VARIABLE reference level switching. 1: The volume is output in the form of the preset value. 1: The volume is linked with the headphones volume control. |
| 721 | MONI CH
SEL | 0000
0001
0002 | MANU
AUTO1
AUTO2 | This selects the monitor output: 0: The signals selected by the MONITOR SELECT switches are output. 1: PCM audio signals are output over a -1 to +1 (-2 to +2) range; otherwise, the cue signals are automatically output. 2: PCM audio signals are output in the play mode; otherwise, the cue signals are automatically output. 2: Notes - This menu item setting is valid when the L and R MONITOR SELECT switches on the front panel are set to CH1, CH2, CH3 or CH4. (If CUE is selected, the cue signal will be output at all speeds regardless of the menu item setting.) - The speed applying for the DVCPRO (25 Mbps) format is given inside the parentheses. |
| 727 | PB FADE | 0000
0001
0002 | AUTO
CUT
FADE | This selects the processing method for the audio edit points (IN and OUT points) during playback. O: The processing complies with the status established during recording. 1: Forced CUT 2: Forced FADE |
| 728 | EMBEDDED
AUD | 0000
0001 | OFF
ON | This selects whether to superimpose the audio data onto the serial output. O: The data is not superimposed. 1: The data is superimposed. |

[&]quot;__" denotes the factory setting.

^{*} EG model is fixed to -3 dBu.

USER menus

<AUDIO> (continued)

| | Item | Setting | | 72.860 |
|-----|----------------------|----------------------|-----------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| 729 | MONITOR
MIX L | 0000
0001
0002 | OFF
CH1+2
CH3+4 | This makes it possible to select mixed signals for the monitor output. O: No mixing 1: The CH1 and CH2 signals are mixed and output to the left channel. 2: The CH3 and CH4 signals are mixed and output to the left channel. |
| 730 | MONITOR
MIX R | 0000
0001
0002 | OFF
CH1+2
CH3+4 | This makes it possible to select mixed signals for the monitor output. O: No mixing 1: The CH1 and CH2 signals are mixed and output to the right channel. 2: The CH3 and CH4 signals are mixed and output to the right channel. |
| 731 | CUE OUT
SEL | 0000
0001 | OFF
ON | This selects whether the cue signal is to be output to the main line output in the search mode. 0: The cue signal is not output. 1: The cue signal is output. (However, this applies only when setup menu item No. 721 (MONI CH SEL) is not set to MANU.) |
| 732 | CUE SLOW | 0000
0001 | _STEP
LINEAR | This selects the tape travel status (cue track playback status) during the stow-motion playback. O: The output picture takes precedence, and the tape is advanced in steps. 1: Cue track playback takes precedence and the tape travels linearly. Notes> When "1" (LINEAR) has been selected: The image may not appear as clearly as in the STEP mode. The CTL counter may not operate normally. |
| 734 | MONI SEL
INH | 0000
0001
0002 | OFF
ON
ON1 | This enables or disables the operation of the MONITOR SELECT switches on the front panel. Operation is enabled. Operation is disabled in the FULL display mode; it is enabled in the FINE display mode only. |
| 750 | DV PB ATT | 0000
0001 | OFF
ON | This selects the audio output level during DV playback. 0: The audio output level is not attenuated. 1: The audio output level is attenuated (reduced). |
| 751 | REC PT
MUTE | 0000
0001 | OFF
ON | This selects whether to mute the sound where recordings are
joined during DV playback. 0: The sound is not muted. 1: The sound is muted. |

[&]quot;__" denotes the factory setting.

Setup menus

USER menu

<V BLANK>

| | Item | | Setting | | |
|---------------|---------------------------------|----------------------|-----------------------|--|--|
| No. | Superimposed display | No. | Superimposed display | Description | |
| 804 | BLANK LINE | 0000
0001
0002 | BLANK
THRU
MANU | This sets the blanking to ON or OFF for the lines in the vertical blanking period of the video output signals. O: All the lines are forcibly blanked. 1: None of the lines are blanked. 2: Blanking is set ON or OFF for each line. | |
| Sub⊰ | screen | | | | |
| 625 n | node | | | | |
| 00
:
15 | LINE
7&320
: :
22&335 | <u>0000</u>
0001 | BLANK
THRU | The line is forcibly blanked. The line is blanked. | |
| 525 n | 525 mode | | | | |
| 00
: | LINE
108273
: :
218284 | <u>0000</u>
0001 | BLANK
THRU | The line is forcibly blanked. The line is blanked. | |

[&]quot;__" denotes the factory setting.

USER menu

<MENU>

| | Item | | Setting | |
|-----|----------------------|--------------------------------------|----------------------------------|---|
| No. | Superimposed display | No. | Superimposed display | Description |
| A00 | LOAD | 0000
0001
0002
0003 | USER2
USER3
USER4
USER5 | This selects the user file whose settings are to be loaded into USER1. 0: The contents of the USER2 file are loaded. 1: The contents of the USER3 file are loaded. 2: The contents of the USER4 file are loaded. 3: The contents of the USER4 file are loaded. Notes When the SET button is pressed upon completion of the loading, the settings in the file are stored in the memory. If the MENU is pressed instead, the settings will not be changed. |
| A01 | SAVE | 0000
0001
0002
0003
0004 | USER3
USER4
USER5 | This selects the user file in which the USER1 settings are to be saved. 0: The USER1 settings are to be saved in the USER2 file. 1: The USER1 settings are to be saved in the USER3 file. 2: The USER1 settings are to be saved in the USER4 file. 3: The USER1 settings are to be saved in the USER4 file. 4: The "LOCKED" display appears when the change prohibit status has been established for all the files. **Notes" A user file tor which change prohibit is set cannot be selected. **When the change prohibit status has been established for all the files, the "LOCKED" display appears, and the saving operation cannot be performed. |
| A02 | P.ON LOAD | 0000
0001
0002
0003
0004 | USER2
USER3
USER4 | This selects the user file whose settings are to be loaded into USER1 when the power is turned on so that the unit will start up with these settings. 0: The unit is started up with the settings in the user file which was previously set. 1: The settings of USER2 are loaded in USER1 and the unit starts with these settings. 2: The settings of USER3 are loaded in USER1 and the unit starts with these settings. 3: The settings of USER4 are loaded in USER1 and the unit starts with these settings. 4: The settings of USER5 are loaded in USER1 and the unit starts with these settings. |
| A03 | MENU LOCK | 0000
0001 | | This selects whether the lock mode is to be set or released for the user files (USER2 to USER5). 0: The lock is released (changes to the files can be made). 1: The lock is set (no changes to the files can be made). |

[&]quot;__" denotes the factory setting.

<Notes>

- Menu items No. A00 (LOAD), No. A01 (SAVE) and No. A02 (P.ON LOAD) can be set for the USER1 file only. They will not appear for the USER2 to USER5 files.
- Menu item No. A03 (MENU LOCK) can be set for the USER2 to USER5 files only.
 It will not appear for the USER1 files.

Time Code/User Bit

Time code

The time codes are used when their values are to be read by the time code reader (time code signal reader) and the absolute position of the tape is to be displayed in increments of hours, minutes, seconds and frames.

The time codes are written in the sub-code area (data area) of the helical track. They enable the VTR's playback speed to be read from the stop mode to slow-motion playback up to high-speed speed play (approx. 50× normal speed or approx. 100× when a DVCPRO tape is used).

The time code values are shown on the display or superimposed.

User bit

The "user bit" refers to the 32-bit (8-digit) data frame among the time code signals which has been released to users.

Time Code/User Bit Playback

1 Set the unit to the stop mode.

2 Set the TC/CTL switch to TC.

Set the TC/UB switch to TC or UB.
TC: The time code is displayed.

UB: The user bit is displayed.

 When it is no longer possible to read the time code, it is interpolated using the CTL signal.

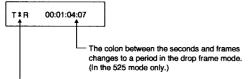
4 Press the PLAY button.

Playback now commences, and the time code appears on the display.

When "ON" has been selected as the setup menu item No. 007 (SUPER), the time code value is superimposed onto the video signal from the VIDEO OUT 3 connector.

<Notes>

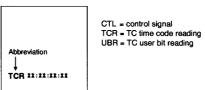
- The colon between the seconds and frames changes to a period when the drop frame time code is read. (In the 525 mode only.)
- When the time code signal is missing, it is automatically compensated for using the CTL signal. In this case, the following display appears.



When the time code signal is missing, an asterisk (*) appears here.

Superimpose Screen

The control signals, time code, etc. are displayed using abbreviations.



TV monitor

Characters displayed

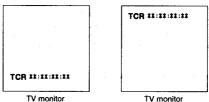
The background of the characters superimposed on the display can be changed using setup menu item No. 011 (CHARA TYPE).



TV monitor

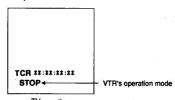
Display position

The position of the characters superimposed on the display can be changed using setup menu items No. 009 (CHARA H-POS) and No. 010 (CHARA V-POS).



Operation mode

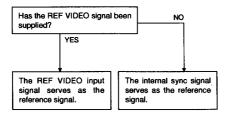
The VTR's operation mode can also be displayed using setup menu item No. 008 (DISPLAY SEL).



TV monitor

Servo Reference

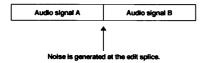
This unit automatically selects the reference video signal which is supplied from the REF VIDEO input connector or the internal sync signal (INT) as the servo reference signal. When the signal is selected, the unit's mode and servo reference setting stand in the relationship shown in the flowchart presented below.



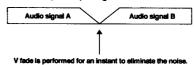
Audio V Fade Function

When a tape is edited, the information on the edit point splicing method selected is recorded on the tape. This information is therefore sensed when the tape is inserted and played back, and V fade or cut processing is automatically performed for these sections [but only when "AUTO" has been set as the playback fade selection (setup menu item No. 727)].

When "CUT" is set as the edit point splicing method



When "FADE" is set as the edit point splicing method



<Notes>

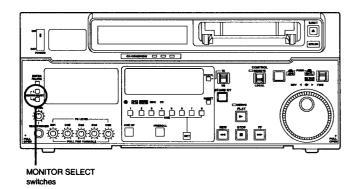
- When "CUT" is set as the edit point splicing method (setup menu item No. 727), cut processing is performed for all the splices.
- When "FADE" is set as the edit point splicing method (setup menu item No. 727), V fade processing is performed for all the splices.

Selecting the Audio Monitor Output

Monitor output channels

The monitor output channels can be selected using the MONITOR SELECT switches as shown below.

| Monitor output | Output signals |
|----------------|-------------------------------------|
| L | CH1/CH2/CH3/CH4/CH1+CH2/CH3+CH4/CUE |
| R | CH1/CH2/CH3/CH4/CH1+CH2/CH3+CH4/CUE |



Rack Mounting

The unit can be mounted into a 19-inch standard rack if the AJ-MA75P rack-mounting adaptors (optional accessory) are used. For the installation rails, it is recommended that the rail and bracket for 18" length (model number CC3061-99-0400) of CHASSIS TRAK be used. (The complete slide rail and bracket unit is not available from Panasonic.) For further details, consult with your dealer.

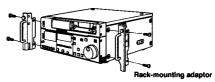
- 1 Remove the screws on the left and right sides of the unit.
- Use the screws which have just been removed to attach the inner members of the slide rails



The length of the screws used is subject to restriction. If some of the mounting screws have been lost or misplaced, use screws which are less than 10 mm long in their place. Four screws must be used to secure each inner member.

- Attach the outer member brackets to the rack.

 Check that the height is the same for the left and right brackets.
- 4 Attach the AJ-MA75P rack-mounting adaptors with the four screws supplied.



1 Remove the four rubber feet from the bottom of the unit, and install the unit in the rack. After the unit has been installed, check that it moves smoothly along the rails.



-Notes

- Keep the temperature inside the rack to between 5°C and 40°C.
- Bolt the rack securely to the floor so that it will not topple over when the VTR is drawn out.

Video Head Cleaning

This unit has an auto head cleaning function which automatically reduces the dirt on the heads. However, to further increase the unit's reliability, it is recommended that its video heads be cleaned every day.

Use the cleaning fluid designated by Panasonic.

Condensation

Condensation forms due to the same principle involved when droplets of water form on a window pane of a heated room. This phenomenon occurs when the unit or tape is moved between places where the temperature or humidity varies greatly or when, for instance:

- It is moved to a very humid place full of steam or a room immediately after it has been heated up.
- It is suddenly moved from an air-conditioned location to a hot or humid location.

When moving the unit or tape to locations such as these, leave it standing for about 10 minutes instead of switching on the power immediately.

If condensation has formed on or in the unit, the AUTO OFF lamp lights, and the cassette tape is automatically ejected.

Keep the power supplied and wait until the AUTO OFF lamp goes off.

■ Maintenance

Before proceeding with maintenance, be absolutely sure to set the power switch to OFF and take hold of the power plug and unplug it from the power outlet.

Use a soft cloth to clean the cabinet. In the case of stubborn dirt, dilute some kitchen detergent, soak a cloth in the solution, wring it out well, and wipe the surfaces clean. Then wipe up the remaining moisture using a dry cloth.

- Do not insert fingers or any objects into the video cassette holder.
- Avoid operating or leaving the unit near strong magnetic fields. Be especially careful of large audio speakers.
- Avoid operating or storing the unit in an excessively hot, cold, or damp environment as this may result in damage both to the unit and to the tape.
- Do not spray any cleaner or wax directly on the unit.
 If the unit is not going to be used for a length of time, protect it from dirt and dust.
- Do not leave a cassette in the unit when not in use.
- Do not block the ventilation slots of the unit.
- Use this unit horizontally and do not place anything on the top panel.
- Do not attempt to disassemble the unit. There are no user serviceable parts inside.
- If any liquid spills inside the recorder, have the unit examined for possible damage.
- Refer any needed servicing to authorized service personnel.

Error Messages

When a warning occurs in this unit, the warning lamp lights up.

Open the DIAG menu. A description of the warning will now appear on the counter display and TV monitor. In addition, if trouble has occurred in the operation of the unit, the AUTO OFF lamp lights, and a message appears on the counter display.

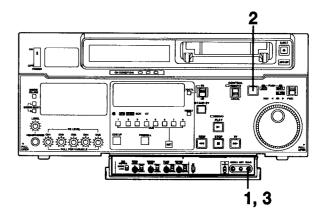
DIAG menu

This displays the VTR information.

The VTR information includes the warning information, the deck's serial number, and hour meter (usage time) information. The DIAG menu appears on the TV monitor when the TV monitor has been connected to the VIDEO OUT 3 connector on the connector panel.

Displaying the DIAG menu

- Press the DIAG button.
 - The DIAG menu screen appears on the TV monitor, and a message appears on the counter display.
- Each time the search button is pressed, the display is switched to the warning information, the deck's serial number and hour meter information in this order.
- Press the DIAG button to return to the original display.



Warning information display

- A warning message appears whenever a warning occurs (the warning lamp lights). When a warning has not occurred, "NO WARNING" is displayed.
- When more than one warning has occurred, a description of each warning can be checked by turning the search dial.

Error Messages

Displaying the hour meter information

Turn the search dial to move the cursor (*), and a description of the item where the cursor is located will appear on the counter display.

| Item No. | Item | Description |
|----------|-------------|---|
| Ser | ****** | This displays the deck's serial number. |
| H00 | OPERATION | This displays the number of hours during which the power has been supplied in 1-hour units. |
| H01 | DRUM RUN | This displays the number of hours during which the drum has been rotating in 1-hour units. |
| H02 | TAPE RUN | This displays the number of hours during which the tape has travelled in the FF, REW, PLAY and SEARCH (JOG, VAR, SHTL) modes in 1-hour units. |
| H03 | THREADING | This displays the number of times the tape has been threaded and unthreaded in 1-time units. |
| H11 | DRUM RUN r | This displays the number of hours during which the drum has been rotating in 1-hour units. (The display can be reset.) |
| H12 | TAPE RUN r | This displays the number of hours during which the tape has travelled in the FF, REW, PLAY and SEARCH (JOG, VAR, SHTL) modes in 1-hour units. (The display can be reset.) |
| H13 | THREADING r | This displays the number of times the tape has been threaded and unthreaded in 1-time units. (The display can be reset.) |
| H30 | POWER ON | This displays the number of times the power has been turned on in 1-time units. |

<Notes>

- The hour meter information items which can be reset are reset by the dealer when maintenance work, etc. has been performed.
- Operations involving the search button and search dial cannot be performed while the DIAG menu is displayed.

If "T&S&M" has been selected as the setup menu item No. 008 (DISPLAY SEL) setting, the message will appear on the mode display area when a warning or error has occurred. When two or more warnings or errors have occurred, they are displayed in sequence of priority starting with the one which has the highest priority.

| Priority | Display | Description |
|-----------|---|--|
| High
♣ | Error messages (see error message table) | When trouble has occurred in the operation of the unit, the AUTO OFF lamp lights, and an error message is displayed. |
| | ILLEGAL REF | When illegal signals, which are not black burst or other composite signals complying with the broadcast standards (825: CCIR624, 525: RS-170A), have been supplied to the REF VIDEO input connector, the message shown on the left may appear depending on the signal concerned. Since, in a case like this, it cannot be guaranteed that the VTR will operate properly, eject the cassette and turn off the power. Check the REF VIDEO signals before turning the power back on. <note> The tape will not be damaged even when this message appears.</note> |
| Low | Warning messages
(see error message table) | When a warning occurs, the warning lamp lights, and a warning message is displayed. When two or more warnings have occurred, they are displayed in sequence of priority starting with the one which has the highest priority. |

Warning messages

| Priority | On counter display
and TV monitor | Description | VTR operation |
|----------|---|--|------------------------------|
| High | FAN STOP This appears when the fan motor has stopped. | | The VTR continues operating. |
| | NO RF | This appears when a blank portion of the tape lasting more than 1 second has been detected during playback. Any portion of the tape is recognized as a blank when all the following conditions are satisfied: When no signals are output from any of the heads. When no playback data can be read. When there is no CTL signal (this does not apply with DV tapes for general consumer applications). | The VTR continues operating. |
| į | SERVO NOT LOCKED | This appears when the servo is not locked for 3 or more seconds during playback. | The VTR continues operating. |
| | LOW RF | This appears when it has been detected that the envelope level has dropped to approximately one-third of its usual level during playback. | The VTR continues operating. |
| Low | HIGH ERROR RATE | This appears when the error rate increases, and correction or interpolation is performed for either the video or audio playback signals. | The VTR continues operating. |

62 (E)

Error Messages (when AUTO OFF lamp lights)

| On counter display | On TV monitor | Description | VTR operation (restart action) |
|-------------------------|-----------------------|---|--------------------------------|
| CAP ROTATE TOO
SLOW | CAP ROTA TOO
SLOW | When the capstan motor speed is abnormally low, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| CAP TENSION ERROR | CAP TENSION ERROR | When abnormal tension is detected at the supply side in the capstan mode, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| DEW | DEW | When condensation is detected, the AUTO OFF lamp lights, the message display flashes, and the VTR is transferred to the eject mode. After the tape is ejected, the drum rotates in order to dry out the condensation. When the condensation has dried out, the AUTO OFF lamp goes off, the message display is cleared, and the VTR can be operated again. • When condensation is detected in the eject mode, the drum starts rotating as soon as it is detected. • When condensation is detected when the cassette has been inserted, the drum rotation is stopped, and after the tape is ejected, the drum starts rotating. | Eject |
| DRUM ROTATE TOO
FAST | DRUM ROTA TOO
FAST | When the cylinder motor speed is abnormally high, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| DRUM ROTATE TOO
SLOW | DRUM ROTA TOO
SLOW | When the cylinder motor speed is abnormally low, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| E-FF | E-FF | When the tape start and tape end are detected simultaneously either during or after loading, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| FRONT LOAD ERROR | FRONT LOAD ERROR | When the take-up reel has been rotating without taking up the tape for a specific period of time while the start or end processing operation during loading (half position) is being performed, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| FRONT LOAD MOTOR | FRONT LOAD MOTOR | When the cassette tails to move up even when 6 seconds have elapsed after the eject mode was established, the AUTO OFF lamp lights, and the message display flashes. <note> When the cassette fails to move down even when 6 seconds have elapsed after the cassette was inserted, the eject mode is established.</note> | Stop
(power OFF → ON) |
| LOADING MOTOR | LOADING MOTOR | When the unloading operation fails to be completed within 6 seconds, the AUTO OFF lamp lights, and the message display flashes. <note> When the loading operations fails to be completed within 6 seconds, the eject mode (unloading mode) is established.</note> | Stop
(power OFF → ON) |
| REEL DIR UNMATCH | REEL DIR UNMATCH | When the take-up reel motor is running in the reverse direction, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |

Error Messages (when AUTO OFF lamp lights)

| On counter display | On TV monitor | Description | VTR operation
(restart action) |
|-------------------------|-----------------------|---|-----------------------------------|
| REEL TENSION
ERROR | REEL TENSION
ERROR | When abnormal tension at the supply side is detected in the reel mode, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| SERVO COMM ERROR | SERVO COMM ERROR | When the servo microcomputer does not follow the instructions of the system control microcomputer even after 10 seconds have elapsed, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| SERVO CONTROL
ERROR | SERVO CONTROL
ERR | When there is no response from the servo micro-
computer for 1 or more seconds, the AUTO OFF lamp
lights, and the message display flashes. | Stop
(power OFF → ON) |
| SERVO ERROR | SERVO ERROR | When only the servo microcomputer was reset in an instantaneous power failure, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| S-FF/REW TIMEOVER | S-FF/REW TIMEOVER | When the start or end processing operation fails to be completed, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| S REEL ROTA TOO
FAST | S REEL TOO FAST | When the supply reel motor rotates at an abnormally fast rate, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| S REEL TORQUE
ERROR | S REEL TORQUE
ERR | When an abnormal torque applied to the supply reel motor is detected or an abnormal current flowing to the current-sensing resistor is detected, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| T REEL ROTA TOO
FAST | T REEL TOO FAST | When the take-up reel motor rotates at an abnormally fast rate, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| T REEL TORQUE
ERROR | T REEL TORQUE
ERR | When an abnormal torque applied to the take-up reel motor is detected, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| UNLOAD ERROR | UNLOAD ERROR | When the tape has not been wound up during unloading, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| WINDUP ERROR | WINDUP ERROR | If, after the total tape amount has been detected, the amount of tape wound up on the take-up reel and the amount of tape supplied by the supply reel differ to an abnormal extent while the tape is travelling, the AUTO OFF lamp lights, and the message display flashes. | Stop
(power OFF → ON) |
| WINDUP REEL NOT
ROTA | W-UP REEL NOT
ROTA | If, after the cassette has been inserted, the tape take-
up reel has not wound up the tape while the total tape
amount is not detected and while the tape is
travelling, the AUTO OFF lamp lights, and the
message display flashes. | Stop
(power OFF → ON) |

RS-232C Interface

1. Introduction

- (1) The VTR can be operated by commands when the RS-232 Interface is used. (See command tables on pages 68 to 70.)
- (2) Conditions for acknowledging commands from the RS-232C interface. The front panel REMOTE/LOCAL switch must be set to REMOTE. The setup menu item No. 204 (RS232C SEL) must be set to ON.

If the above conditions are not met, [ACK] + {STX] ER001 [ETX] is returned to the external unit.

Whether the [ACK] code is returned depends on the setting which has been selected for setup menu item No. 209 (RETURN ACK).

2. Hardware specifications

External interface specifications

(1) Connector specifications

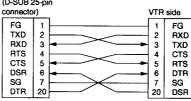
Connector: D-SUB 25-pin (crossover cable supported)

| Pin No. | Signal | Circuit name | Description |
|---------|--------|---------------------|--|
| 1 | FG | Protective ground | Frame ground |
| 2 | RXD | Received data | Data is sent to PC. |
| 3 | TXD | Transmitted data | Data is received from PC. |
| 4 | CTS | Clear to send | Shorted with pin 5. |
| 5 | RTS | Request to send | Shorted with pin 4. |
| 6 | DTR | Data terminal ready | Not processed |
| 7 | SG | Signal ground | Signal ground |
| 20 | DSR | Data set ready | + voltage output after communication enable status |

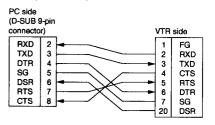
(2) Example of connections with controller (PC)

(Using crossover cable with D-SUB 25-pin connectors)

PC side (D-SUB 25-pin



(Using crossover cable with D-SUB 9-pin and 25-pin connectors)



RS-232C Interface

3. Software specifications

Protocol

1) Communication parameters

| Communication system | Asynchronous, full duplex | |
|----------------------|--|--|
| Baud rate | 300, 600, 1200, 2400, 4800, <u>9600</u> bps | |
| Data length | 7 bits or 8 bits | |
| Stop bit | 1 bit or 2 bits | |
| Parity bit | None, odd or even | |
| ACK code | ACK code returned or not returned Note> The ACK code is what is returned from the VTR to the controller when data has been sent successfully from the controller. | |

[&]quot;__" denotes the factory setting.

Changes to the settings can be made using the setup menu items listed below.

| | <u> </u> |
|-------------------------|---------------------|
| Communication parameter | Setup menu item |
| Communication system | No. 205 BAUD RATE |
| Data length | No. 206 DATA LENGTH |
| Stop bit | No. 207 STOP BIT |
| Parity bit | No. 208 PARITY |
| ACK code | No. 209 RETURN ACK |

2) Send format [controller (PC) → VTR]

■ Data format

[STX] [command] [:] [data] [ETX]

02h XX XX XX 3Ah XX-XX 03h ← (ASCII code: symbols, numbers, upper-case letters)

20h<XX<7Fh

- [command]: Command identifier; a 3-byte identifier (ASCII code: symbols, numbers, upper-case letters) is sent as the command.
- . [:]: The colon serves as a delimiter between the command and data.
- [data]: Data (ASCII code: symbols, numbers, upper-case letters) can be added in the number of bytes required.

■ Outline of procedure for sending data from controller

- The send command starts with STX (start of text = 02h). The command is then identified by COMMAND which follows, and the data is added as required.
 The format ends with ETX (end of text = 03h).
- When a different command is to be sent, a response is awaited from the VTR, and then the command is sent. (See page 67)
- If STX is sent again before ETX is sent, the receive data buffer inside the VTR is cleared. A command error is returned to the controller, and the data is newly processed with STX, which was received again, at the head.

RS-232C Interface

(3) Return format [VTR → controller (PC)]

The following responses are made to the command. If necessary, more than one response may be made.

■ When the communication has terminated normally

- The receive completion message is returned. [ACK]
- UAC P
- 2. The execution completion message is returned.

[STX] [command] [data] [ETX] 02h XX XX XX XX-XX 03h

- · [command]: This is the message (data) which is returned or the execution completion message identifier.
- [data]: This is the data to be returned. It can be omitted.

[example]: Send command | Return message (data) | [STX] OPL [ETX] → [ACK] [STX] OPL [ETX]

■ When the communication has terminated abnormally

[NACK]

■ When processing is not possible due to incorrect data or trouble in the VTR

1. The receive completion message is returned.

[ACK] 06h

2. An error code is returned.

[STX] ERN1 N2 N3 {ETX] 02h Error code 03h

4. Error code table

ER001: Invalid command

- Unsupported command received
- Error in command execution

ER002: Parameter error

- ER102: VTR mode error (front loading motor)
- ER103: VTR mode error (loading motor)
- ER104: VTR mode error (drum, capstan system)

ER105: VTR mode error (reel system)

ER106: VTR mode error (tension system)

ER108: VTR dew (condensation) error

ER1FF: VTR system error

RS-232C Interface

5. Command table

(1) Commands relating to operation control <Notes>

- Under the "return (completion) message", only the execution messages which are returned after [ACK] is returned when data is received are listed.
- In the case of commands not listed in the table, ER001 (invalid command) is returned after [ACK] has been returned.

| VTR operation | Send command | Return (completion)
message | Supplementary notes |
|-----------------|---|--------------------------------|---|
| STOP | [STX] OSP [ETX] | [STX] OSP [ETX] | This command is for stopping the tape travel. |
| EJECT | (STX) OEJ (ETX) | [STX] OEJ [ETX] | This command is for ejecting the cassette tape. The output picture status differs according to the setup menu item No. 111 (FRZ MODE SEL) setting. For details, refer to the setup menu item. |
| PLAY | [STX] OPL [ETX] | [STX] OPL [ETX] | This command is for starting playback. |
| REWIND | (STX) ORW (ETX) | [STX] ORW [ETX] | This command is for rewinding the tape. The maximum tape speed differs according to the setup menu item No. 102 (FF. REW MAX) setting. For details, refer to the setup menu item. |
| FAST
FORWARD | [STX] OFF [ETX] | [STX] OFF [ETX] | This command is for fast forwarding the tape. The maximum tape speed differs according to the setup menu item No. 102 (FF. REW MAX) setting. For details, refer to the setup menu item. |
| SHTL | [STX] OSF:data [ETX] | [STX] OSF [ETX] | This is the forward direction shuttle command. |
| | data = n: speed data 0: STILL (STIL 1: x0.03 (x0.03 2: x0.1 (x0.1) 3: x0.2 (x0.2) 4: x0.5 (x0.5) 5: x1 (x1) 6: x1.85 (x1.85 7: x4.1 (x3.1) 8: x9.5*1 (x9.5* 9: x16*1 (x16*1 | 5)
(5)
(7) | ers according to the setup menu item No. 101 (SHTL |
| | | , | DV format are given in parentheses. |

RS-232C Interface

| VTR operation | Send command | Return (completion)
message | Supplementary notes |
|-----------------|--|--|---|
| SHTL
REVERSE | [STX] OSR:data [ETX] | [STX] OSR [ETX] | This is the reverse direction shuttle command. |
| | data = n: speed data 0: STILL (STIL 1: x0.03 (x0.0 2: x0.1 (x0.1 3: x0.2 (x0.2 4: x0.5 (x0.5 5: x1 (x1) 6: x1.85 (x1.8 7: x4.1 (x3.1 8: x9.5*1 (x9.5 9: x16*1 (x16* A: x32*1 (x32* | 5) 5) 1) 1) 1) 1) 1) 1) 1) 1) | ers according to the setup menu item No. 101 (SHTL
DV format are given in parentheses. |
| STANDBY
OFF | [STX] OBF [ETX] | [STX] OBF [ETX] | This command is for setting the VTR to STANDBY OFF. |
| STANDBY
ON | [STX] OBN [ETX] | [STX] OBN [ETX] | This command is for setting the VTR to STANDBY ON. |

RS-232C Interface

(2) Commands related to inquiries

- <Notes>
- Under the "return (completion) message", only the execution messages which are returned after [ACK] is returned when data is received are listed.
- In the case of commands not listed in the table, ER001 (invalid command) is returned after [ACK] has been returned.

| VTR
operation | Send command | Return (completion)
message | Supplementary notes |
|-------------------------|-----------------|---|---|
| CTL/TC
DATA | [STX] QCD [ETX] | [STX] CD data [ETX] | This command is for inquiring about the counter value. |
| REQUEST | | h =
TC: gh =
mm = 00 - 59:
ss = 00 - 59:
ff = 00 - 24: | SP (20h): for a plus display (20h): for a minus display 0 – 9: hours 0 – 23: hours minutes CTL or TC is returned, whichever corresponds to the front display |
| STATUS
REQUEST | [STX] QOP [ETX] | [STX] xxx [ETX] | This command is for inquiring about the VTR's operation mode. |
| | | SRS: PRERÔL
OBF: STANDB'
OSF: SHTL FO
OSR: SHTL RE
OJG: JOG FOF | cluding STANDBY ON)
L
Y OFF
RWARD |
| ID (VTR No.)
REQUEST | [STX] QID [ETX] | [STX] data [ETX] | This command is for inquiring about the VTR used. |
| | | data = AJ-D940E (625
AJ-D940 (525 n | |

RS-232C Interface

END

(3) Microsoft QuickBASIC sample programme

```
STX$ = CHR$(\&H2): ETX$ = CHR$(\&H3): NAK$ = CHR$((15)): ACK$ = CHR$((8)H6)
PRINT "*** RS-232C COMMUNICATION SAMPLE PROGRAM ***"
PRINT "Type Command 'QUIT' to quit."
PRINT
REM *** Communication Port Initial & Open ***
REM Port 1,9600Bps, No parity, 8 bit data, 1 stop bit
OPEN "COM1:9600, N, 8, 1" FOR RANDOM AS #1 LEN = 256
REM *** Input Command & Send Command ***
SendCmd:
INPUT "Input Command ="; SEND$
IF SEND$ = "QUIT" THEN GOTO ProgEnd
PRINT #1, STX$ + SEND$ + ETX$
REM *** Wait for Receive Command ***
WHILE LOC(1) = 0
       WAITKEYS = INKEYS
       IF WAITKEY$ = "Q" THEN PRINT "*** Quit ***": GOTO ProgEnd
WEND
REM *** Receive Command ***
RecvCmd:
RECV$ = INPUT$(1, #1)
IF RECV$ = STX$ THEN RECV$ = "[Stx]"
IF RECV$ = ACK$ THEN RECV$ = "[Ack]"
IF RECV$ = NAK$ THEN RECV$ = "[Nak]"
IF RECV$ = ETX$ THEN BUFFER$ = BUFFER$ + "[Etx]": GOTO DispOut
BUFFER$ = BUFFER$ + RECV$
GOTO RecvCmd
REM *** Output Receive Command ***
DispOut:
PRINT "Receive Command ="; BUFFER$
PRINT
BUFFER$ = ""
GOTO SendCmd
REM *** End Program ***
ProgEnd:
CLOSE
```

Connector Signals

REF VIDEO IN

| REF VIDEO IN | BNC × 2 | Loop-through, 75Ω termina- |
|----------------|---------|----------------------------|
| TIEL VIDEO III | | tion switch provided |

VIDEO OUT

| SERIAL OUT (DIGITAL) | BNC×3 | |
|----------------------|--------|--|
| Y, PB, PR (ANALOG) | BNC×3 | |
| VIDEO OUT | BNC ×3 | |

AUDIO OUT

| SERIAL OUT (DIGITAL) | BNC ×3 | |
|--------------------------|---------|-------------------------------------|
| AUDIO OUT (DIGITAL) | XLR×2 | CH1/CH2, CH3/CH4 AES/
EBU format |
| AUDIO OUT (ANALOG) | XLR×4 | CH1, CH2, CH3, CH4 |
| CUE OUT | XLR × 1 | |
| TIME CODE OUT | XLR×1 | |
| MONITOR OUT | XLR×2 | L/R |
| HEADPHONES (front panel) | 6.35 mm | |

| Pin No. | Signal |
|---------|--------|
| 1 | GND |
| 2 | HOT |
| 3 | COLD |

RS-422A REMOTE (9P)

DEMOTE IN

| 1.Emo 1.E 111 | | | | | | | |
|---------------|--------------|---------|-----------------|---------|--------------|--|--|
| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal | | |
| 1 | FRAME GROUND | 4 | RECEIVE COMMON | 7 | TRANSMIT B | | |
| 2 | TRANSMIT A | 5 | | 8 | RECEIVE A | | |
| 3 | RECEIVE B | 6 | TRANSMIT COMMON | 9 | FRAME GROUND | | |

REMOTE OUT

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|--------------|---------|-----------------|---------|--------------|
| 1 | FRAME GROUND | 4 | TRANSMIT COMMON | 7 | RECEIVE B |
| 2 | RECEIVE A | 5 | | 8 | TRANSMIT A |
| 3 | TRANSMIT B | 6 | RECEIVE COMMON | 9 | FRAME GROUND |

Connector Signals

PARALLEL REMOTE (25P)

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|------------------|---------|-----------------|---------|-------------------------|
| 1 | PLAY COMMAND | 10 | | 19 | STAND BY ON STATUS |
| 2 | STOP COMMAND | 11 | | 20 | PREROLL STATUS |
| 3 | FF COMMAND | 12 | ≥10V, MAX 300mA | 21 | SERVO LOCK STATUS |
| 4 | REW COMMAND | 13 | PLAY STATUS | 22 | OPERATION ENABLE STATUS |
| 5 | | 14 | STOP STATUS | 23 | |
| 6 | EJECT COMMAND | 15 | FF STATUS | 24 | |
| 7 | STAND BY COMMAND | 16 | REW STATUS | 25 | GND |
| 8 | PREROLL COMMAND | 17 | | | |
| 9 | IN SET COMMAND | 18 | EJECT STATUS | | |

- Supply TTL level, active low electrical signals with an edge of 100 ms or more to the COMMAND pins.
 The STATUS pins are open collector outputs; a max. sink current of 6 mA is output from

RS-232C REMOTE (D-SUB 25 pins, crossover cable supported)

| Pin No. | Signal | Circuit name | Description | |
|---------|--|-----------------------------|--|--|
| 1 | FRAME GROUND | Protective ground | Frame ground | |
| 2 | RxD | Received data | Data is sent to PC. | |
| 3 | TxD Transmitted data Data is received from PC. | | | |
| 4 | CTS | Clear to send | Shorted with pin 5. | |
| 5 | RTS | Request to send | Shorted with pin 4. | |
| 6 | DTR Data terminal ready Not processed | | Not processed | |
| 7 | GS | Signal ground Signal ground | | |
| 20 | DSR | Data set ready | + power output after communication enable status | |

ENCODER REMOTE (15P)

| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|-------------|---------|-------------------|---------|-------------------|
| 1 | | 6 | SYSTEM H 0 | 11 | RET GND |
| 2 | BLACK LEVEL | 7 | SYS.SC COARSE (2) | 12 | |
| 3 | C LEVEL | 8 | -12V | 13 | |
| 4 | GND | 9 | CHROMA PHASE | 14 | SYS.SC FINE |
| 5 | +12V | 10 | VIDEO LEVEL | 15 | SYS.SC COARSE (1) |

SECTION 2

DISASSEMBLY & MAINTENANCE

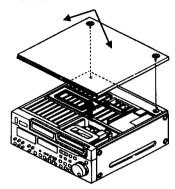
CONTENTS

| 1. | Disassembly Method · · · · · · · DIS | |
|------|--|-------------|
| 1-1. | Removal of Top Panel · · · · · DIS | |
| 1–2. | Removal of Bottom Panel · · · · · · DIS | |
| 1–3. | Removal of Upper Front Panel · · · · · · DIS | S –1 |
| 1–4. | Removal of Front Panel · · · · · · DIS | |
| 1–5. | Removal of Front Loading Unit · · · · · · DIS | |
| 1-6. | Removal of Power Supply Unit · · · · · · DIS | |
| 1–7. | Removal of Mechanism Unit · · · · · · · DIS | 3–3 |
| 1–8. | Removal of Fan Motor······DIS | |
| 2. | Maintenance Parts Chart · · · · · · DIS | |
| 3. | Cleaning Procedures · · · · · DIS | |
| 3–1. | Cleaning of Head Chips: (Daily) · · · · · · DIS | |
| 3–2. | Cleaning of Drum Lead: (Weekly) · · · · · DIS | |
| 3–3. | Cleaning of A/C Head: (Weekly) · · · · · · DIS | 3–6 |
| 3–4. | Cleaning of Pinch Roller and Capstan: (Weekly) · · · · · · DIS | 3–6 |
| 3–5. | Cleaning of Post: (Weekly) · · · · · · DIS | 3–6 |

1. Disassembly Method

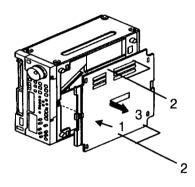
1-1. Removal of Top Panel

Loosen 2 screws.



Loosen 2 screws and remove the top panel.

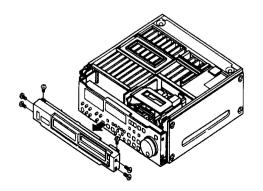
1-2. Removal of Bottom Panel



- (1) Loosen the screw 1.
- (2) Remove the 4 screws numbered 2.
- (3) Slide the bottom panel and remove it.

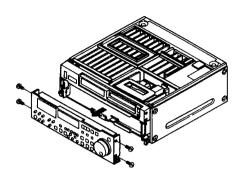
1-3. Removal of Upper Front Panel

(1) Remove the 4 screws at right and left, then draw the upper front panel.



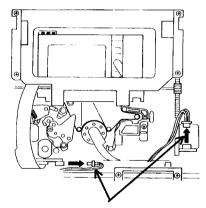
1-4. Removal of Front Panel

(1) Remove the 4 screws at left and right. Then draw it and remove the connector and remove the Front Panel.



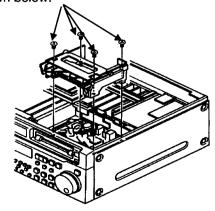
1-5. Removal of Front Loading Unit

(1) Remove the connectors at front loading motor and interconnection board. Then rotate the emergency eject gear (red) counterclockwise until the screw which is used to fix the front loading u can be seen.



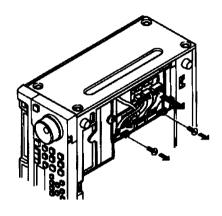
Remove 2connectors.

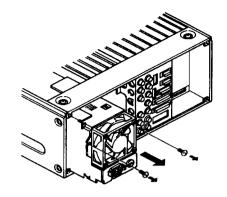
(2) Remove the 4 screws of the loading unit as shown below.



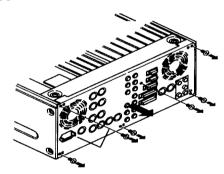
1-6. Removal of Power Supply Unit

- (1) Remove 5 connectors with the Power Supply unit on the VTR bottom side.
- (2) Remove 2 screws with the Power Supply unit on the VTR bottom side.





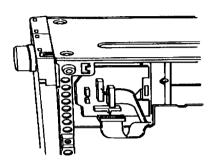
(3) Remove 1 screw with the Power Supply unit on the VTR top side.



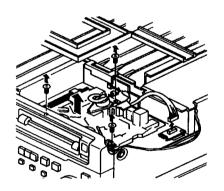
(4) Remove 2 screws at VTR Rear panel which are used to fix the Power supply unit.

1-7. Removal of Mechanism Unit

- 1. Remove the front loading unit.
- 2. Remove the connector P1 and P2 which are connected to mech interface at VTR bottom.

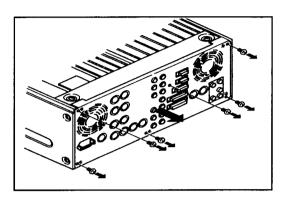


Remove the A/C Head cable from the intermediate point, and remove the P5003 and P5002 which are connected between the cylinder unit and Head Buffer board. Then remove the 3 screws and remove the mechanism unit.

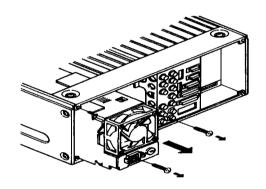


1-8. Removal of Fan Motor

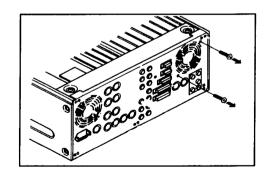
1. Remove the Rear Jack by removing 7 screws.



2. Remove 2 screws and Power 2 connector P14 then remove the fan motor.



3. Remove 2 screws and mother board connector P32, then remove fan motor.



2. Maintenance Parts Chart

| | | 1 | I | | ours of Use | a (unit hou | re) | |
|----|-------------------------------|----------|-----------|-----------|-------------|-------------|-------------------|-----------|
| | Name | Part No. | 2,000 | 4,000 | 6,000 | 8,000 | 10,000 | 12,000 |
| _ | Tape Path Cleaning | | | <u> </u> | the Tape P | | <u> </u> | <u> </u> |
| | Cylinder Unit | VEG1503 | • | • | • | • | • | 0 |
| 2 | Pinch Arm Unit | VXL2835 | • | • | • | | •= | 0 |
| 3 | Cleaning Arm Unit | VXL2748 | • | • | • | • | • | 0 |
| 4 | S Reel Motor A Unit | VEM0686 | | • | | • | | 0 |
| 5 | T Reel Motor A Unit | VEM0687 | | • | | • | | 0 |
| 6 | Thrust Screw Unit | VXQ0556 | | • | | •• | | 0 |
| 7 | S Loading Arm Unit | VXL2812 | | | • | | | 0 |
| 8 | T1 Boat Unit A | VXA6379 | | | • | | | 0 |
| 9 | S Post Base A Unit | VXA6052 | | | • | | | 0 |
| 10 | Tension Arm S Unit | VXL2832 | | | • | | | 0 |
| 11 | Cassette Compartment | VXA6070 | | | | | | 0 |
| 12 | Mech. Chassis Unit | VXY1418Z | | | | | | • |
| 13 | Fan Motor | VRF0208 | Replace t | he Fan Mo | tor at each | 10,000 ho | urs <i>Operat</i> | ion Time. |
| 14 | A/C Head | VED0419 | | | | | | 0 |
| 15 | Loading Motor (1) A Unit | VEM0645 | | | | | | 0 |
| 16 | Reel Drive Motor Unit | VEM0585 | | | | | | 0 |
| 17 | Mode Switch Unit | VES0814 | | | | | · | 0 |
| 18 | Pinch Solenoid | VSJ0227 | | | | | | 0 |
| 19 | S Brake Solenoid | VSJ0216 | | | | | | 0 |
| 20 | T Brake Solenoid | VSJ0216 | | | | | | 0 |
| 21 | Thinner Tape Detection Switch | VXA6119 | | | | , | | 0 |
| 22 | Cleaner Solenoid | VSJ0226 | | | | | | 0 |
| 23 | Main Cam Gear | VDG1168 | | | | | | 0 |
| 24 | Brake Solenoid (M Stopper) | VSJ0216 | | | | | | 0 |
| 25 | Slot In Motor | VXA5597 | | | | | | 0 |

| Symbol | Maintenance | Remark |
|----------|-------------|--|
| • | Replacement | |
| | Greasing | Wipe the old grease and apply new grease. |
| Δ | Cleaning | This mark means cleaning is necessary. |
| A | Lubrication | The lubrication is necessary (VFK0906) |
| 0 | Replacement | These parts are included in Mech Chassis Unit. |

Note: Hours of Use are based on the head rotation hours.

Hours of Use are recommendation. It may depend on temperature, humidity or dust.

Hours of Use are listed as the reference of maintenance. They do not mean guaranteed hours.

3. Cleaning Procedures

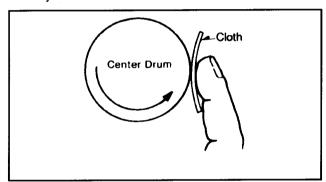
Note: Turns power off during cleaning.

Make sure the power is OFF before cleaning. Use ethanol (more than 99% purity) as cleaning

liquid.

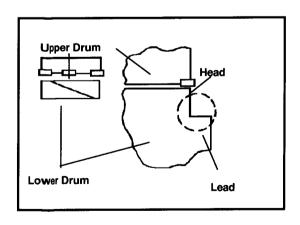
3-1. Cleaning of Head Chips: (Daily)

Clean heads by applying even pressure and rotating cylinder a few times. Never wipe in up and down motion. Never touch a cylinder by naked hand. First wipe with a cloth soaked by cleaning liquid. Then wipe with dry cloth.



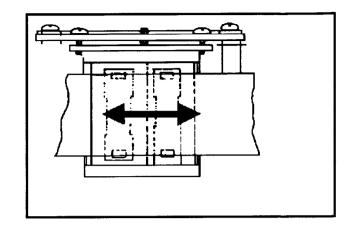
3-2. Cleaning of Drum Lead: (Weekly)

Be careful not to touch a head chip. Clean the drum lead with a pick.



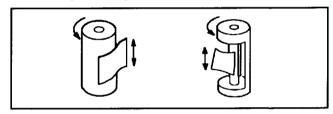
3-3. Cleaning of A/C Head: (Weekly)

Wipe the A/C head with a cloth soaked by cleaning liquid. Wipe again with a dry cloth.



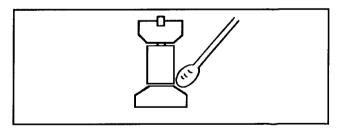
3-4. Cleaning of Pinch Roller and Capstan: (Weekly)

Wipe the Pinch Roller and Capstan with a cloth soaked by cleaning liquid.



3-5. Cleaning of Post: (Weekly)

Wind a cloth on a pick. Wipe each post dry with that pick. Wipe again with a dry cloth. For metal posts wipe with cleaning liquid. Then wipe dry again.



Note: Use the clean cloth for cleaning purpose. Do not use any dirty cloth.

SECTION 3

MECHANISM ADJUSTMENTS

CONTENTS

| 1. | Mechanism Adjustment · · · · · · · MEC-1 | 1-38. | LISTA Consumer DV Compatibility |
|-------|---|-------|---|
| 1-1. | Name of tape transportaion · · · · · MEC-1 | | Playback Confirmation · · · · · MEC-39 |
| 1-2. | Pinch Solenoid Position Adjustment · · · · · MEC-2 | 1-39. | RP Head Sensitivity Adjustment (50M Mode) · · · MEC-40 |
| 1-3. | Main Brake Torque Confirmation · · · · MEC-3 | 1-40. | RP Head Sensitivity Detection (50M Mode) · · · · MEC-41 |
| 1-4. | Post Height Pre-Adjustment · · · · · MEC-4 | 1-41. | LISTA Linearity Confirmation |
| 1-5. | Tension Arm Adjustment Procedures · · · · · MEC-5 | | and Waving Measurement (50M Mode) · · · · · MEC-42 |
| 1-6. | Tension Arm Offset Voltage Adjustment · · · · MEC-6 | 1-42. | PB Head LISTA Sensitivity Adjustment |
| 1-7. | Neutral Position Adjustment · · · · · MEC-7 | | (50M Mode) · · · · · · MEC-44 |
| 1-8. | Tension Arm PLAY & REV | 1-43. | PB Head Sensitivity Detection (50M Mode) · · · · MEC-45 |
| | Voltage Confirmation and Adjustment · · · · · MEC-8 | 1-44. | PLAY Envelope Confirmation · · · · · MEC-46 |
| 1-9. | Tension Regulator Spring Adjustment · · · · · MEC-9 | 2. | Measure Parts Replacement and Adjustment · MEC-47 |
| 1-10. | REV Tension Confirmation · · · · · MEC-10 | 2-1. | Cylinder Unit Replacement · · · · · MEC-47 |
| 1-11. | Tension Confirmation MEC-11 | 2-2. | Cleaning Arm Unit Replacement · · · · · · MEC-48 |
| 1-12. | Tape Pass Adjustment Procedures · · · · · MEC-12 | 2-3. | T1 Guide Position Adjustment · · · · · MEC-48 |
| 1-13. | ENV waveform Adjustment · · · · · · MEC-13 | 2-4. | Adjustment after Cylinder Unit Replacement · · · · MEC-49 |
| 1-14. | Post Limit Confirmation (Play) · · · · · MEC-14 | 2-5. | A/C Head Replacement · · · · · · MEC-50 |
| 1-15. | A/C Head ADJUSTMENT Method (summary) MEC-15 | 2-6. | A/C Head Adjustment · · · · · MEC-51 |
| 1-16. | A/C Head Tilt Adjustment · · · · · MEC-16 | 2-7. | Supply and Take-up Reel Unit Replacement · · · · MEC-52 |
| 1-17. | A/C Head Height Adjustment · · · · · MEC-17 | 2-8. | Supply and Take-up Brake Arm Unit |
| 1-18. | A/C Head Azimuth Adjustment · · · · · MEC-18 | | Replacement · · · · · · MEC-54 |
| 1-19. | A/C Head Tilt Confirmation · · · · · MEC-19 | 2-9. | Supply Brake Solenoid Replacement and Adj. · · MEC-54 |
| 1-20. | A/C Head Height Confirmation · · · · · MEC-20 | 2-10. | Take-up Brake Solenoid Replacement and Adj. · · MEC-55 |
| 1-21. | A/C Head Azimuth | 2-11. | Pinch Solenoid Replacement · · · · · MEC-56 |
| | and Horizontal Position Adjustment · · · · · MEC-21 | 2-12. | Pinch Arm Unit Replacement · · · · · MEC-56 |
| 1-22. | REV Confirmation and Adjustment | 2-13. | Loading Motor Replacement · · · · · MEC-57 |
| | (T4Height Adjustment) · · · · · MEC-22 | 2-14. | Mode Switch Unit Replacement · · · · · · MEC-57 |
| 1-23. | CTL PLAY Output Level Confirmation · · · · · MEC-23 | 2-15. | Main Cam Gear Replacement · · · · · MEC-58 |
| 1-24. | PLAY Mode Limit Confirmation · · · · MEC-24 | 2-16. | S5 Post Base Unit Replacement · · · · · · MEC-59 |
| 1-25. | REV/REW/FF Envelope Confirmation · · · · · MEC-25 | 2-17. | Replacement of Tension Arm Unit MEC-59 |
| 1-26. | Envelope Confirmation · · · · · MEC-26 | 2-18. | S1 Post Loading Arm Unit |
| 1-27. | REV Limit Confirmation · · · · · MEC-27 | | Replacement and Adjustment · · · · · MEC-60 |
| 1-28. | FF, REW Limit Confirmation MEC-28 | 2-19. | T1 Boat Unit Replacement · · · · · MEC-61 |
| 1-29. | A/C Head and T3, T4 Post Screw Grew ····· MEC-29 | 2-20. | T1 Loading Arm Unit Replacement and Adj. · · · · MEC-61 |
| 1-30. | LISTA MEC-30 | 2-21. | Cleaner Solenoid Replacement and Adj. · · · · · MEC-61 |
| 1-31. | LISTA Connection and Start · · · · · MEC-31 | 2-22. | Cleaner Solenoid Position Adjustment · · · · · MEC-62 |
| 1-32. | Alignment Tape Data Registration · · · · MEC-32 | 2-23. | Cleaner Roller Position Adjustment · · · · · MEC-63 |
| 1-33. | RP Head Sensitivity Adjustment (25M Mode) MEC-33 | 2-24. | M Stopper Solenoid Replacement and Adj. · · · · MEC-63 |
| 1-34. | RP Head Sensitivity Detection (25M Mode) · · MEC-34 | 2-25. | MIC Rail Unit Replacement · · · · · MEC-64 |
| 1-35. | LISTA Linearity Adjustment | 2-26. | Reel Drive Motor Unit Replacement · · · · · MEC-64 |
| | and Waving Measurement (25M Mode) · · · · MEC-35 | 2-27. | L-M Brake Release U. Replacement · · · · · MEC-65 |
| 1-36. | PB Head LISTA Sensitivity Adj. (25M Mode) · MEC-37 | 2-28. | Slide Rod Unit Replacement and Adjustment · · · MEC-65 |
| 1-37. | PB Head Sensitivity Detection (25M Mode) · MEC-38 | 2-29. | T4 Post Position Adjustment · · · · · MEC-66 |
| | | | |



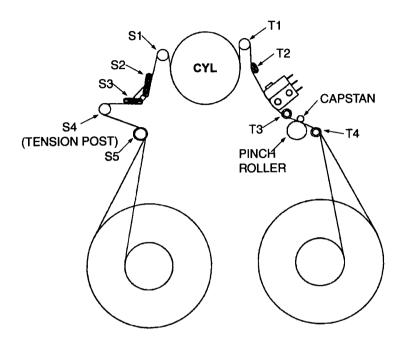
ZIMBNIZII.CA NEMAHOBN

677871100

| ्रमाना क्षेत्र । स्थे न्या कार्यास्य अस्त्र स्थिति । | 300 | H WED H | The second of th |
|--|----------------------|--------------------|--|
| Brights Confirmation of the continue of the co | | FORM : | the state of the supplemental section of the supplemental section of the supplemental section is the supplemental section of the supplemental section is the supplemental section of the supplemental section is supplemental section of the supplemen |
| THE FIRE CONTRACT THE PROPERTY OF THE PROPERTY | , R. 1 | - MED 2 | िरावदी जिल्ला का मिराकास सर्वेतवात के राजा |
| The Consider Notice and Modern States and Series | (3) ₂ , 1 | CORM : | Waln Graxa Torqua Confirmation |
| Schemitte Overtein ATRL | 1.44-1 | · · MEG 4 | Post Helical Frei Adjustitiem |
| St. Off 1 and Model tago) spannerus pelikely bos | | | Teligian Am Adjulsmein Procedules |
| Persent USTA Sensiting Adjustings | Buch | · WEC-6 | Tersion Ann Office Votage Adjustment in |
| FERM Model of the control of the con | | 5-35M | Nectal Position Adjustment |
| 28 Haad Gerstwitz Detector (BOM Mode) 1 650-45 | 851 | | VARIO And PLAY III YAR |
| PLAY Envetore Conformation VER 45 | . A. David | s OBM - | Votage Göstimation and Adjustmism |
| Measure Paris Registement and Adjunctions 1980-47 | 3 | 9-03M | Tension Requiator Spring Adjustraent |
| Cylinder Use Replacement - 1999 AV 180 AV | 1.5 | er Caar - | NEW Tension Confirmation |
| Cleaning him light Replacement - 1910-46 | 2.2 | MEC 11 | Tension Confirmation |
| Ti Guide Positico Adjustinante e e e e e e e e e e e e e e e e e e | 2-3 | SHORM | Tabe Pass Aspedinem Procedures |
| Adjustment after Oylinder unit Roctenament - 110 48 | .2-5 | er ASM + | ENV waveform Adjustment |
| NO Hoad Replacement | . 2.8 | or OBM | Pod Linii Contension (Play) |
| ACCIHERA Adjestment | 2.6 | अस्टिमा ह | ALC Head Alb A. W. MERTY Merical (summar |
| Supply and Take up Real Unit Replacement 15 52 | 5-\$ | rai Joan - | ACCHeac III Aquatascu |
| Supply and Take up Brase Am Unit | 8.0 | PROBN - | Afficial House Holyan Adjustment |
| Section of the section of the section of the sections. | | 81-UBM | M. Hard Azwash Aduzbiosi |
| . Burgly Brake Sylengic Replaceto antique Adj | .0-3 | or Media | AC Head Till Confirmation and a contract |
| Lake up Erake Soleraid Replacement and Adi - 1 SC-55 | 2-10 | MEC-20 | A/G Head height Carlimation |
| Photo Selected Regional and the selection of the selectio | 100 | | AVO Head Azlanda |
| Fireh Arm Unit Ruphtoemeil | .qt-5 | FS-CASM - | aig Hodosoff Position Administration |
| Loading Motor Haptsoement | £1-5 | | REV Confirmation and Adjustment |
| Morta Swatch Oral Registerated | 4.1.3 | \$3000 | Folder Association |
| Main Dam Rear Replacement | at-s | NECESM - | CT_PLAY Chipur Level Confineton |
| SE Post Base Unit Replacement | .8748. | \$4-0BM | PERY Minus Limit Confirmation |
| Replacement of Tension And Init | 2.17 | - MEC-25 | REVIREVIEF Envelope Confirmation |
| ST Puel Loading Ann Cod | 81-9 | os-OBM | Erseloue Contemation |
| Replacement and Adjustment | | - MEO-87 | NEV Limit Continuation |
| 18 Shari Unit Replacement to the manufacture of the state | 2-19 | | FE 116W Usal Confination |
| 11 Leading Arm Unit Replacement and Adi. + 1150/61 | .05/3 | | AF, Hand oet 13, 14 Post Stew Grew |
| Chaner Solehold Replacement and Adj. | 48-8 | | البائع المنتقل المتحدد والمارية والمحاد وأباء الموجد المادورة |
| Cladinet Rollinoid Produktin Adjustment | \$\$-0 | | Us 1 & Connection and Sten |
| Chestrus Rolles Pointen Adjustment | 25.3 | | An symmet Tape Oats Registration |
| M Stopper Solenoid Replacement and Adi v - 0-63 | 286 | | Help Sensitivity Adjustment (25M Mode |
| MIO Raif Unit Replacement | 2.25 | | Rf. Head Sensitivity Detection (25M Mode): |
| Real Drive Motol Unit Replacement | 2-28 | v est rulinablet | membruka vinsen JALILI |
| Let Broke Release U. Brokerieri | 2-27 | ar frakk | ans. Waving Mensurement (26M Mode) |
| Slide Rod Unit Replacement and Adjustment | 59-3 | | PT Hood List A Sensitivity Adj. (25M Mode) |
| Toping fortion Adjustment | .00.0 | | PF Hoad Sonelflylly Defection (25M Mode) |
| CO-UTINE TO THE PROPERTY OF TH | START A | Select 100 (100 F) | Elizariera situada en elizaria en elizaria en escribir de la composta del composta de la composta de la composta del composta de la composta della composta de la composta de la composta della composta |

1. Mechanism Adjustment

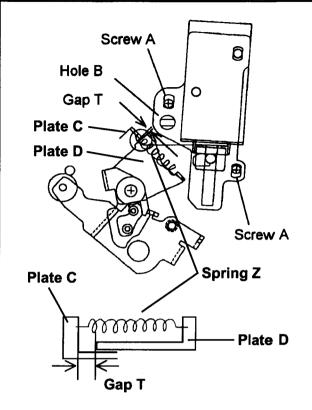
1-1. Name of tape transportation

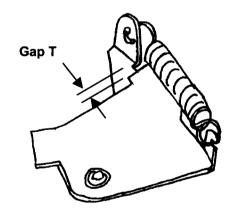


1-2. Pinch Solenoid Position Adjustment

| Specification | T = 0.3mm | |
|-------------------------------|----------------------------|--|
| Test Point Space at T portion | | |
| Adjustment | A、B | |
| Mode | EJECT (Power Off) | |
| Tool | VFK0357 (Eccentric Driver) | |

- 1. Turns power off.
- 2. Close the pinch roller to the capstan shaft.
- 3. Press the pinch solenoid by your hand and touch the pinch roller with the capstan shaft.
- Loosen the 2 screws A and adjust B portion so that the Gap T is in the specification by VFK0357.
- 5. Tighten the 2 screws A after adjustment.

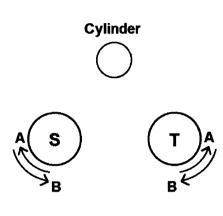




1-3. Main Brake Torque Confirmation

| Specification | A: more than 80g B: more than 15g |
|---------------|------------------------------------|
| Test Point | S Reel, T Reel |
| Mode | EJECT (Power OFF) |
| Tool | VFK71(150g), VFK1191(45g), VFK1152 |

- 1. Remove the cassette compartment.
- 2. Attach the Adaptor (VKK1152) with the torque meter.
- 3. Attach the torque meter with the S Reel table and rotate it to A direction (CW).
- 4. Confirm the reel torque is in the specification when the brake is released and the reel starts rotation.
- 5. Confirm T Reel torque in the same way with S Reel torque.
- 6. Remove the Adaptor (VKK1152) and attach the adaptor with the torque meter (VFK1191).
- 7. Attach the torque meter with the S Reel table and rotate it to B direction (CCW).
- Confirm the reel torque is in the specification when the brake is released and the reel starts rotation.
- Confirm T Reel torque in the same way with S Reel torque.



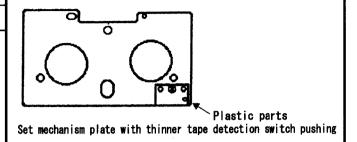
1-4. Post Height Pre-Adjustment

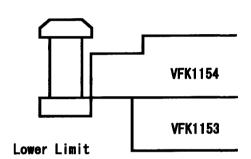
| Mode | EJECT (Power OFF) |
|------|--------------------------------|
| Tool | VFK1153, VFK1154 (flange tool) |

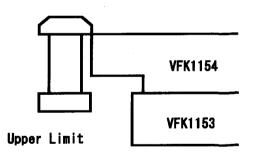
- 1. Insert M casette tape, and eject the tape.
- 2. Turns power off and remove the cassette compartment and set mechanism plate (VFK153).
- 3. Place the flange tool (VFK1154) as shown in the figure and adjust the post height.
- 4. Adjust the S4 and T5 post height by VFK1149 and adjust T3 and T4 by VFK1151.

| Name | Limit | Post Driver |
|---------|-------------|-------------------------|
| S5 Post | Note 1 | VFK1149 |
| S4 Post | Note 1 | VFK1149 |
| T3 Post | Lower Limit | VFK1151(2.5mm Nut Box) |
| T4 Post | Lower Limit | VFK1151 (2.5mm Nut Box) |

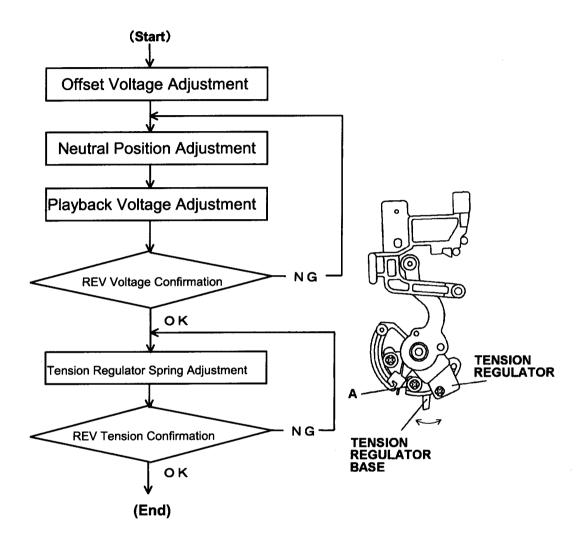
Note 1: Rotate CCW one turn from the lower limit.







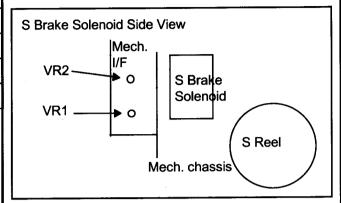
1-5. Tension Arm Adjustment Procedures



| 1-6.Tension | Arm | Offset | Voltage | Adjustment |
|-------------|-----|--------|---------|-------------------|
|-------------|-----|--------|---------|-------------------|

| Board | SERVO |
|---------------|--------------------|
| Specification | 2.5 ± 0.05V |
| Test Point | TP201(SERVO:F1) |
| Adjustment | VR1(Mech. IF) |
| Mode | EJECT |
| M. EQ. | Digital Volt Meter |

- 1. Set the VTR in EJECT mode and confirm the voltage at TP201 is in the specification.
- 2. If it is not, adjust VR1 on the Mech. I/F Board so that the voltage is in the specification.



| 1-7. Neutral | Position Adjustment |
|---------------|---------------------------------------|
| Board | SERVO |
| Specification | 2.5 ± 0.1V |
| Test Point | TP201(SERVO:F1) |
| Adjustment | Tension Regulator Board Base Position |
| Mode | STOP |
| | |

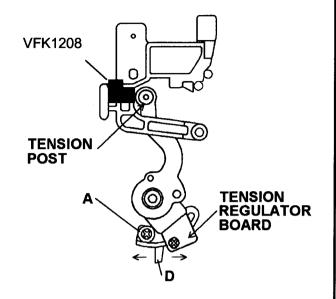
 Remove 4 screws on the Front Loading Unit and Remove it, then set the VFK1208 (Black, with a hole).

VFK1208(Black, with a hole)

Digital Volt Meter

M. EQ.

- To set the VTR in no tape loading mode, set the DIP SW1 at the rear panel ON to open the service menu. Then select "T REEL TRQ" and press JOG/SHTL key. During adjustment JOG/SHTL key must be hold. Do not touch the Magnetised screw driver to the Reel FG magnet.
- 3. Adjust the Tension Regulator Board Base Position so that the voltage at TP201 is in the specification in STOP mode. To adjust the Tension Regulator Board Base Position, loosen the screw A and move the knob D portion by a screw driver without magnetization and tighten the screw A.

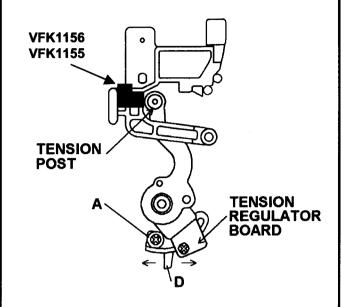


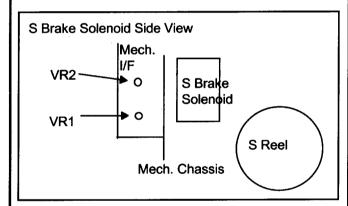
Adjust A and D at the same time.

1-8. Tension Arm PLAY & REV Voltage Confirmation and Adjustment

| Board | SERVO |
|---------------|--|
| Specification | (PLAY)3.8 ± 0.05V
(REV) 1.2 ± 0.3V |
| Test Point | TP201(SERVO:F1) |
| Adjustment | VR2 |
| Mode | STOP |
| M. EQ. | Digital Volt Meter.
VFK1156(Black: PLAY)
VFK1155(White: REV) |

- Remove 4 Screws on the Front Loading Unit and Remove it, then set the VFK1156 (Black).
- 2. To set the VTR in no tape loading mode, set the DIP SW1 on the rear of the front panel to ON to open the service menu. Then select "TREEL TRQ" and press JOG/SHTL key. During adjustment JOG/SHTL key must be hold. Do not touch the Magnetised screw driver to the Reel FG magnet.
- 3. Confirm the voltage at TP201 is in the specification.
- 4. If it is not, adjust VR2(Mech. I/F) so that the voltage is in the specification.
- 5. Then set VFK1155.
- 6. If it is not, adjust "Tension Arm Neutral Position Adjustment" again.
 - If it is out of specification after this adjustment, replace the tension post unit.

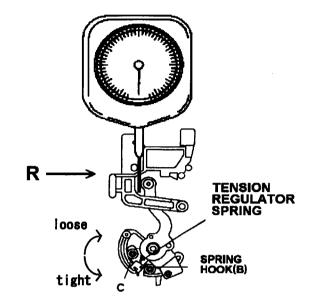




| 1-9. Tension Regulator Spring Adjustmen | 1-9. | Tension | Regulator | Spring | Adjustment |
|---|------|----------------|-----------|---------------|-------------------|
|---|------|----------------|-----------|---------------|-------------------|

| Board | SERVO |
|---------------|---|
| Specification | 11 ± 1gf |
| Test Point | TP201(SERVO:F1) |
| Adjustment | Tension Regulator Spring Hook (B) |
| Mode | STOP |
| M. EQ. | Digital Volt Meter. VFK1188(30g Dial Tension Meter) |

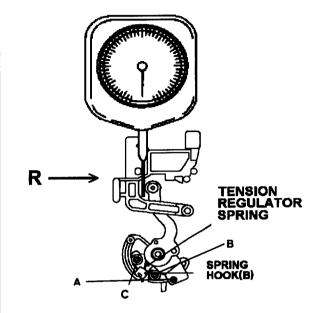
- 1. Set the VTR in no tape loading.
- 2. Press the tension post by the Dial Tension Meter to R direction.
- Read the Dial Tension Meter when the voltage is 3.8 V (PLAY position) at TP201, and adjust the Tension Regulator Spring Hook (B).
- To adjust the Tension Regulator Spring Hook (B) position, loosen the Tension Regulator Spring position and after adjustment tighten the screw C.



1-10. REV Tension Confirmation

| Board | SERVO |
|---------------|--|
| Specification | 18 ± 2gf |
| Test Point | TP201 |
| Mode | STOP |
| M. EQ. | Digital Volt meter VFK1188(30g Dial Tension Gauge) |

- 1. Place the VTR into no tape loading.
- 2. Press the tension post by the Dial Tension Meter to R direction in STOP mode.
- Read the Dial Tension Meter when the voltage is 1.2 V (REV position) at TP201, and adjust the Tension Regulator Adjustment again.
- 4. Grew the screw A, B and C after Tension Arm adjustment. The grew quantity at B is half of A and C.

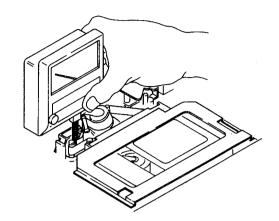


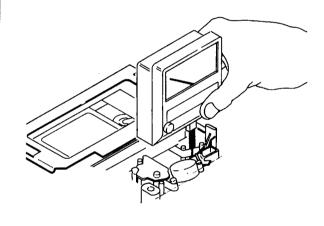
1-11. Tension Confirmation

| Specification | (PLAY)6.0 ± 1gf |
|---------------|-------------------------------|
| | (REV) 9.0 ± 2gf |
| Mode | PLAY、REV×1 |
| Tape | Beginning of 63min.M Cassette |
| Tool | VFK1145(Tension Meter) |

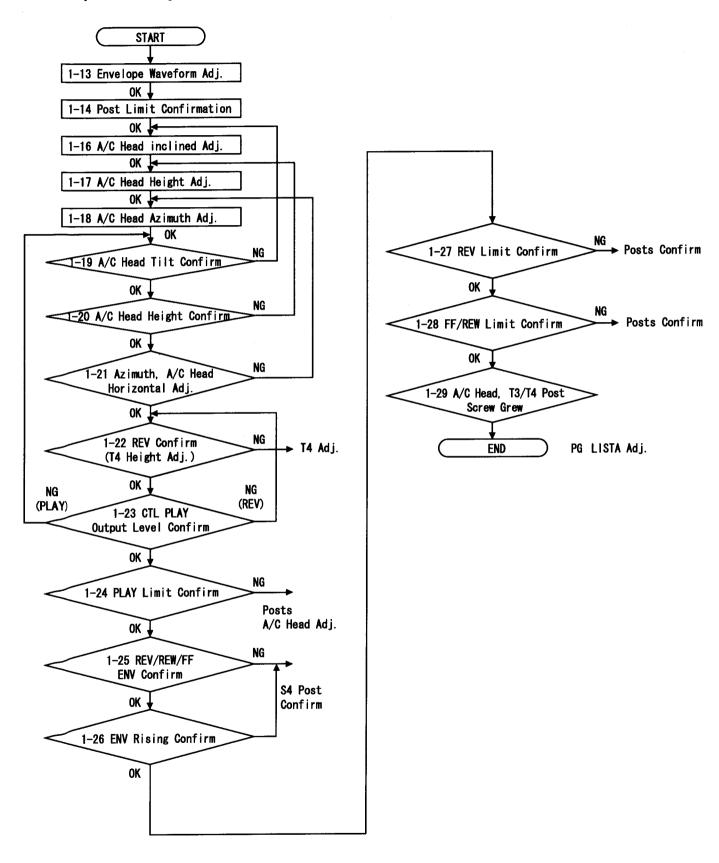
- 1. Playback the beginning of 63min. M cassette.
- 2. Set a tension meter between S3 and S4 post.
- 3. Confirm the tension is in the specification.
- 4. Set the VTR is in REV mode.
- 5. Set the tension meter between S4 and S5 posts.
- 6. Confirm the tension is in the specification.

Do not damage a tape during measurement.





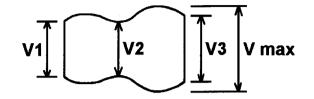
1-12. Tape Pass Adjustment Procedures



1-13. ENV waveform Adjustment

| Specification | V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.8 |
|---------------|---------------------------------|
| Test Point | TP722(F1) for Trigger |
| | TP201 R/P ENV L:H3/ R:H4 |
| Adjustment | S1, T1PostHeight |
| Mode | PLAY(ATF) |
| Tape | VFM3580KM(No.1) |
| M. EQ. | Oscilloscope |
| Tool | VFK1149(Post Driver) |

- 1. Playback the color bar portion of the alignment tape.
- 2. Adjust S1 and T1 post height so that the R/P envelope output is in the specification.
- 3. When the S1 and T1 posts are adjusted, first raise the post height and make small the entrance and exit side of the envelope, then down the post until envelope becomes flat.
- 4. Adjust T1 post and makes exit side of the envelope flat then adjust S1 post.
- 5. After the adjustment, unload the tape then loading the tape. Confirm the waveform style.



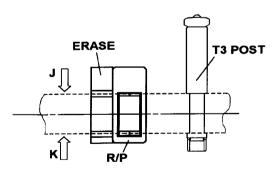
| figure, if it is not adjust the post height. Confirm that there is no tape problem as D. E. F in the figure. A Upper B Free C Lower B Free C Lower C Lower Dost Limit Adjustment S5 Free or Lower Limit S5 Post Height C Lower D Curl E B Free C Lower C Lower D Curl E B Free C Lower | ecificati | ion No curl at the | No curl at the Tape edge All Post Limit | | | |
|---|--|--------------------------------|---|--------|---------|--------|
| Tape Signal recorded Tape VFK1149(Post Driver) VFK1151(Nut Driver) Confirm the each Post Limit is as shown in figure, if it is not adjust the post height. Confirm that there is no tape problem as D, E, F in the figure. Cost Limit Adjustment S5 Free or Lower Limit S5 Post Height C4 Lower Limit S4 Post Height C5 Upper Limit Linearity Coarse C6 Upper Limit Linearity Coarse C7 Lower D C Lower C8 D Curl E Bend F Drop | Mode | | | | | \\ |
| Confirm the each Post Limit is as shown in figure, if it is not adjust the post height. Confirm that there is no tape problem as D, E, F in the figure. Cost Limit Adjustment S5 Free or Lower Limit S5 Post Height C4 Lower Limit S4 Post Height C5 Upper Limit Linearity Coarse C6 Lower Limit D Curl E Bend F Drop C7 Lower Limit E Bend F Drop C8 Limit S4 Post Height C9 Limit Linearity Coarse C9 Limit Linearity Coarse C9 Limit Linearity Coarse C9 Lower Limit D Curl E Bend F Drop C9 Limit Linearity Coarse C9 Lower Limit T3 Post Height | Tape | Signal recorde
VFK1149(Post | Signal recorded Tape VFK1149(Post Driver) | | | |
| Free or Lower Limit S5 Post Height Lower Limit S4 Post Height Upper Limit Linearity Coarse Upper Limit Linearity Coarse Lower Limit T3 Post Height | Confirm the each Post Limit is as shown in figure, if it is not adjust the post height. Confirm that there is no tape problem as D. | | A Upper | B Free | C Lower | |
| Lower Limit S4 Post Height Upper Limit Linearity Coarse Upper Limit Linearity Coarse Lower Limit T3 Post Height | Post | Limit | Adjustment | | | |
| S4 Lower Limit S4 Post Height S1 Upper Limit Linearity Coarse T1 Upper Limit Linearity Coarse T3 Lower Limit T3 Post Height | S5 F | ree or Lower Limit | | | F Rend | F Dron |
| To Upper Limit Linearity Coarse To Lower Limit To Post Height | | | | D Cuii | L Dend | i Diop |
| T3 Lower Limit T3 Post Height | | | | 1 | | |
| | | 2 | | 1 | | |
| Free or Lower Limit 14 Post Height | | | | 1 | | |
| | | | | | | |

1-15. A/C Head ADJUSTMENT Method (summary)

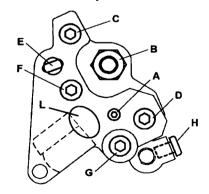
| Item | Screw | Adjustment | Torque |
|-----------------|-------|--|--------------|
| Tilt Adjustment | Α | CW Decrease CUE Level | (Adjustment) |
| | | CCW Increase CUE Level | |
| Height | В | CW If the level is increased at "k". | (Adjustment) |
| Adjustment | | CCW If the level is increased at "j". | |
| Azimuth | F | Adjust phase by the screw F. | (Adjustment) |
| Adjustment | | | |
| A/C Head | С | Adjust A/C Head Horizontal Position by VFK0357 | 2.5 Kgf · cm |
| Horizontal | D | (Eccentric Driver) at long hole E, then tighten the | |
| Position Adj. | İ | screw C and D. | |
| Tilt | G | Adjust by tightening the screw except tilt and azimuth | 1.0 Kgf ⋅ cm |
| | | adjustment. | |
| Height Fix | Н | After the Height Adjustment, tighten screw H to fix | |
| | | the A/C Head Height. | |

| Screw | Tool | |
|---------|------------------------------------|--|
| Α | VFK1178 (0.89 mm Nut Driver) | |
| В | VFK1150 (5.5 mm Nut Driver) | |
| F | VFK1148 (1.5 mm Nut Driver) | |
| C, D, G | VFK1209 (Torque Driver) | |
| | VFK0912 (1.5 mm Hex Driver Bit) | |
| Н | VFK1190 (1.5 mm L type Hex Wrench) | |

- 1 .Each Adjustment must be done keeping the screw G tighten.
- 2. When tilt is adjusted, confirm the screw A is tighten. (A/C Head must be touch with the fix plate.)
- 3. When tilt is adjusted confirm that there is no tape damage at T3 Post.
- 4. When Height is Adjusted, loosen the screw H. After the adjustment tighten screw H.
- 5. When the each Adjustment is done, each adjustment screw must be rotated CW. And hit slightly the L part to remove the mechanical distortion.
- 6 .Adjust or confirm alternately each Adjustment and Envelope Output waveform Adjustment



A/C HEAD HEIGHT

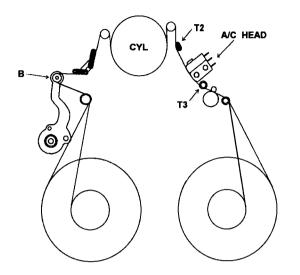


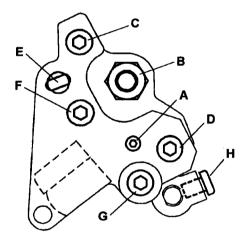
| 1-16. A/C Head Tilt Adjustment | | |
|--------------------------------|--|--|
| Specification | No curling and bending at tape edge. T3 Post Lower Limit | |
| Adjustment | Screw A, G (A/C Head) | |
| Mode | PLAY | |
| Таре | Signal recoreded Tape | |
| Tool | VFK1148、VFK1178 (Hex Wrench) | |

- Adjust A/C Head Tilt by screw A so that the Tape is at lower limit at T3 Post.
- 2. For this Adjustment, loosen screw G and make tape curling at T3 lower flange then gradually tighten screw G to make the tape flat. The screw G tightening torque is 1.0 Kgf·cm.

(Reference)

- Screw A CW: Tape up
 Screw A CCW: Tape down
- 2. It is necessary to tighten the each adjustment screw when the adjustment is completed.
- Confirm and adjust alternately this adjustment and A/C Head each adjustment (Azimuth and Height).





| 1-17. A/C Head Height Adjustment | | |
|----------------------------------|------------------------------|--|
| Board | SERVO | |
| Specification | CTL Max (C1,C2=1.8V or more) | |
| Test Point | TP30(SERVO:F1) | |
| Adjustment | Screw B, H (A/C Head) | |
| Mode | PLAY | |
| Таре | VFM3580KM (No.1) | |
| M. EQ. | Oscilloscope | |
| | VFK1150(Nut Driver) | |

 Connect a scope to TP30 on Servo (F1) board to observe CTL level.

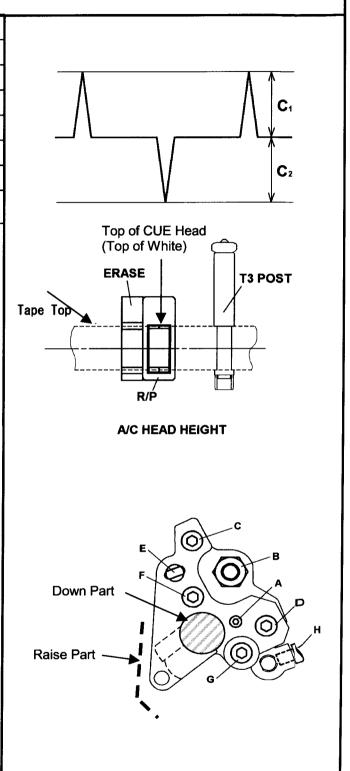
VFK1190(Hex Wrench)

- Confirm that CTL level is decreased when A/C head is up and down at the point shown in the figure. If the CTL level is increased adjust nut B so that the CTL level is max.
- 3. Tighten screw H with 2.0 Kgf · cm torque then confirm the CTL level again.

(Reference)

Tool

 Confirm and adjust alternately this adjustment and A/C Head each adjustment (Azimuth and Height).



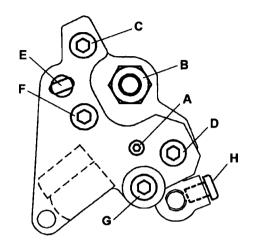
1-18. A/C Head Azimuth Adjustment

| Board | SERVO |
|---------------|---|
| Specification | C1, C2 : Max |
| Test Point | TP30 (SERVO:F1) |
| Adjustment | Screw F (A/C Head) |
| Mode | PLAY |
| Tape | VFM3580KM (No.1) |
| M. EQ. | Oscilloscope |
| Tool | VFK1148 (Hex Wrench)
VFK1209 (Torque Driver) |

- Connect a scope to TP30 on Servo (F1) board. Then adjust A/C Head Azimuth by the screw F so that the CTL level is max.
- 2. For this Adjustment, loosen screw G and adjust screw F then tighten screw G with 1.0Kgf · cm torque.

(Reference)

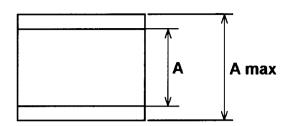
Confirm and adjust alternately this adjustment and A/C Head each adjustment (Azimuth and Height).

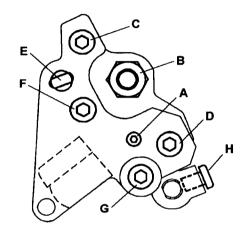


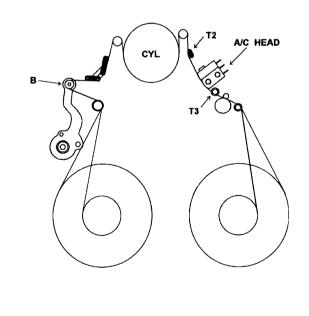
1-19. A/C Head Tilt Confirmation

| Specification | A/Amax = 0.8 or more | | | | | |
|---------------|------------------------------|--|--|--|--|--|
| Test Point | TP101 (CUE:H1) | | | | | |
| Adjustment | Screw A, G (A/C Head) | | | | | |
| Mode | PLAY | | | | | |
| Таре | VFM3580KM (No.1) | | | | | |
| M. EQ. | Oscilloscope | | | | | |
| Tool | VFK1178、VFK1148 (Hex Wrench) | | | | | |
| | VFK1209 (Torque Driver) | | | | | |

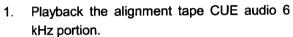
- Playback the alignment tape CUE audio 6 kHz portion.
- 2. Confirm that screw G and H are tighten.
- Connect a scope to TP101 and move the tension arm to B direction until T2 post is not moved, then confirm the output level variation is in the specification.
- If it is not loosen screw G and adjust screw A then tighten screw G with 1.0 Kgf · cm torque.
- 5. It is necessary to complete the adjustment with screw A tighten and confirm that screw A is not loosen.
- 6. If this is adjusted confirm the Play Limit Confirmation (PLAY).



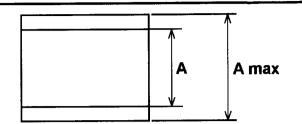


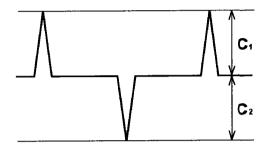


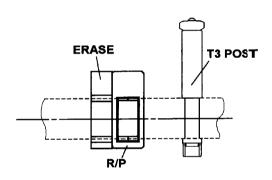
| 1-20. A/C Head Height Confirmation | | | | | |
|------------------------------------|--|--|--|--|--|
| Specification | A=0.95 X Amax or more | | | | |
| | C1, C2 = 1.8V or more | | | | |
| Test Point | TP101 CUE AUDIO(CUE:H1) TP30 CTL(SERVO:F1) | | | | |
| Adjustment | Screw B, H (A/C Head) | | | | |
| Mode | PLAY | | | | |
| Tape | VFM3580KM (No.1) | | | | |
| M. EQ. | Oscilloscope | | | | |
| Tool | VFK1150, VFK1190(Hex Wrench) | | | | |



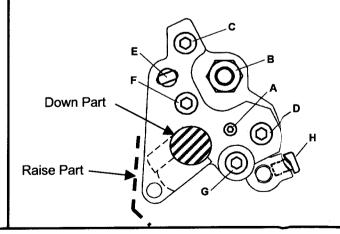
- Connect a scope to TP101 and raise the A/C head or push down it to confirm the CTL level is not increased.
- If it is increased, slightly adjust the "A/C Head Height Adjustment" and confirm the CTL level is correct.
- If A/C Head Height is changed the azimuth is changed also. Therefore A/C Head azimuth must be adjusted and confirm alternately.
- When A/C Head Height is fixed, tilt is changed by tightening screw H and the height is changed. Therefore Height confirmation must be done after tightening screw H.







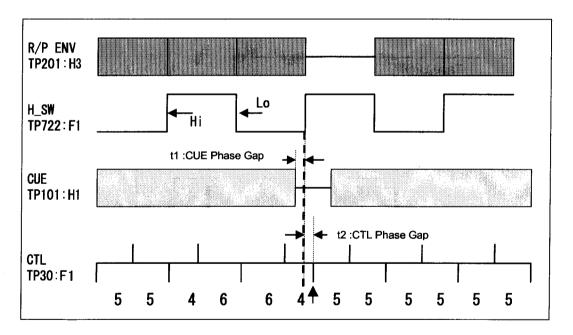
A/C HEAD HEIGHT

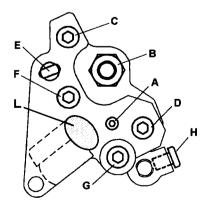


1-21. A/C Head Azimuth and Horizontal Position Adjustment

| Specification | 25MMode -250us≦t1,t2≦+250us
50MMode -125us≦t1,t2≦+125us | Test Point | TP201 R/P ENV L(RFEQ:H3) TP722 R/P HSW (SERVO:F1) TP101 CUE AUDIO (CUE:H1) TP30 CTL (SERVO:F1) |
|---------------|--|------------|--|
| Adjustment | A/C Head | M. EQ. | Oscilloscope |
| Mode | Playback | Tool | VFK0357(Eccentric Driver) |
| Tape | VFM3582KM (A/C Head H. Position) | | |

- 1. Set the VTR in 25M Mode and playback an Alignment Tape (A/C Head H. Position).
- 2. Adjust Azimuth so that the CTL and CUE drop portion is match (Refer to Azimuth Adjustment).
- Connect a scope CH1 to TP201 on H3 board and CH2 to TP722 on F1 board. Then find the R/P ENV lack portion, and remember the H_SW is High or Low at the portion. (H_SW High or Low is changed at each tape loading.)
- 4. Adjust A/C Head Horizontal Position so that the memorized H_SW and CTL trigger at the frame start is matched. The frame start CTL is located at the falling edge between 6:4 and 5:5 portion. To adjust the Horizontal position loosen screw C and D then adjust horizontal position by eccentric driver at hole E.
- 5. After adjustment, tighten the screws with 2.5kgf · cm torque and hit gently at L portion to remove the mechanical distortion. Confirm the above specification.
- 6. Set VTR into 50M PB Mode, and confirm the timing is in the specification. If it is not adjust this item again.





1-22. REV Confirmation and Adjustment (T4HeightAdjustment)

| Specification | C1, C2≧Cp1, Cp2×0.75 | Tape | VFM3580KM (No.1) |
|---------------|------------------------------|--------|------------------|
| | Lower Limit at T3Post in REV | | |
| Test Point | TP30 (SERVO:F1) | M. EQ. | Oscilloscope |
| Adjustment | T4 Post Height | Tool | Nut Driver |
| Mode | REV X 1 | | |

- 1. Run the Tape in REV x -1 mode, and confirm that the above specification is satisfied. If it is not, adjust the following items.
- 2. Rotate the T4 nut 45 degrees each and confirm the specification and repeat this adjustment until the specification is satisfied.
- 3. Specification: CTL level in REV x –1 speed is more than 75 % of Playback CTL level.

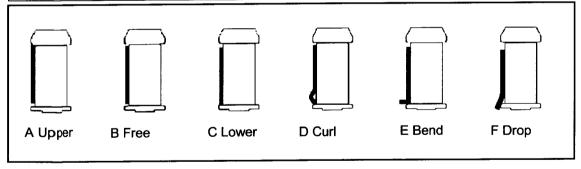
 Tape runs in lower limit at T3 Post, and tape has no curling and bending at T3, T4 upper and lower limit.
- 4.If the Specification is not satisfied, use height adjustment tool.

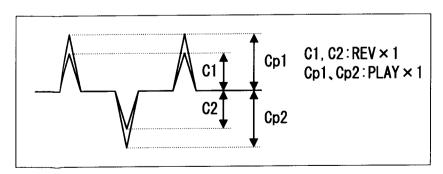
T4 Nut Adjustment Direction

| T4 Nut Adjustment Direction | REV CTL Output | REV T3 Post Lower |
|-----------------------------|----------------|-------------------|
| CW | Increase | More |
| CCW | Decrease | Less |

Post Limit

| _ | | | Tape | Limit | | |
|--------|----|----|------|-------|----|----|
| Post | Α | В | С | D | E | F |
| T3Post | NG | NG | ОК | NG | NG | NG |
| T4Post | ОК | ОК | ОК | NG | NG | NG |





| 1-23. | CTL | PLAY | Output | Level | Confirmation |
|-------|-----|-------------|---------------|-------|--------------|
| | | | | | |

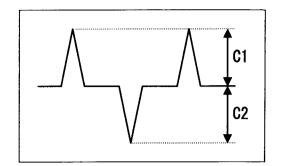
| Specification | Refer to Figure |
|---------------|-----------------|
| Test Point | TP30 (SERVO:F1) |
| Mode | PLAY |
| Tape | VFM3580KM(No.1) |
| M. EQ. | Oscilloscope |

A/C Head must be fixed.

- 1. Set the VTR to 25M Mode, and playback an Alignment Tape. Then observe the CTL.
- 2. The CTL level is in the specifications in the following table.

| CTL Output Level C1,C2 | | | | | | |
|----------------------------------|-------|---------|--|--|--|--|
| PLAY | REV×1 | REV×0.2 | | | | |
| C1,C2≧1.8V C1,C2≧1.4V C1,C2≧1.2V | | | | | | |

- 1. If the PLAY Output Level is NG. Then confirm the A/C Head Height.
- 2. If the REV Output Level is NG. Then confirm the T4 Post Height.

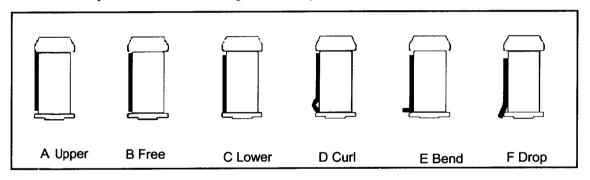


1-24. PLAY Mode Limit Confirmation

| Specification | Confirm the each Post Limit is in the following table. |
|---------------|--|
| Mode | PLAY |
| Tape | M Cassette (MP Tape) Tape begin / Tape end |

| Post | Tape Limit (Refer to Figure) | | Adjustment Point | | | | | |
|-------------------|------------------------------|----|------------------|----|----|----|---------------|------------------------|
| : | Α | В | С | D | E | F | | |
| S5 Post | NG | ок | ок | NG | NG | NG | C4 CEDoot | Post Height Pro Adi |
| (S4) Tension Post | NG | NG | ок | NG | NG | NG | S4, S5Post | Post Height Pre-Adj. |
| S1 Post | ок | NG | NG | NG | NG | NG | S1Post | Envelope waveform Adj. |
| T1 Post | ок | NG | NG | NG | NG | NG | T1Post | Envelope waveform Adj. |
| T3 Post | NG | NG | ок | NG | NG | NG | A/C Head Tilt | A/C Head Tilt Adj. |
| T4 Post | NG | ок | ок | NG | NG | NG | T4 Post | Post Height Pre-Adj. |

- 1. Playback a Tape, and confirm the tape limit at each post is as shown in the above table.
- 2. If it is not adjust each item according with the Adjustment Point in the above table.



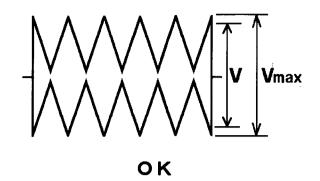
| 1-25. | REV/REW/FF | Envelope | Confirmation |
|-------|-------------------|----------|--------------|
| T-LU. | | FILLOPO | |

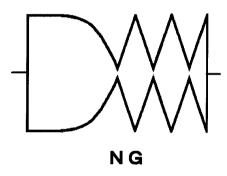
| Specification | Refer to Figure |
|---------------|---------------------|
| Test Point | TP201 ENV (RFEQ:H3) |
| Mode | REV, REW, FF |
| Таре | VFM3580KM (No.1) |
| M. EQ. | Oscilloscope |

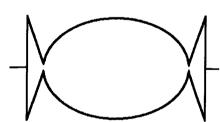
- 1. Place the VTR in REV, REW, FF and confirm that the Waveform is the same diamond style.
- 2. Peak level V is always in the following specification.

V/Vmax ≥ 0.9

3. If it is not confirm the S4 Post Height.







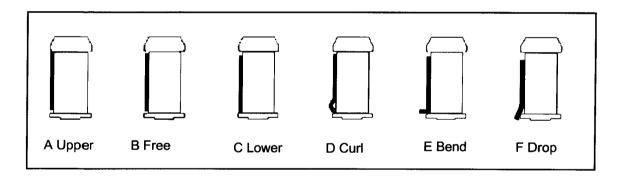
| st Point | TP201 ENV (RFEQ:H3) | |
|--|--|---------|
| Mode | REW/REV to PLAY Loading completion to PLAY FF to PLAY | |
| Таре | L cassette (123 min pre-recorded) Tape begin | |
| И. EQ. | Oscilloscope | |
| veform Ad
Confirm
become
transition
PLAY,
PLAY. | nent must be done after "Envelope ljustment". In that the envelope waveform es stable immediately in the following on mode, REW to PLAY, REV to FF to PLAY, Loading completion to ot, confirm S4 Post Height. | o K NG |

1-27. REV Limit Confirmation

| Specification | Confirm the Post Limit is as shown in the following table. | |
|---------------|--|--|
| Mode | REV | |
| Work Tape | M Cassette (MP Tape) Tape begin and Tape end | |

| Post | Tape Limit (Refer to Figure) | | | | | |
|--------------|------------------------------|----|----|----|----|----|
| | Α | В | С | D | E | F |
| S5 Post | ОК | ОК | ок | NG | NG | NG |
| Tension Post | NG | ок | ок | NG | NG | NG |
| S1 Post | ок | NG | NG | NG | NG | NG |
| T1 Post | ок | ок | ок | NG | NG | NG |
| T3 Post | NG | NG | ок | NG | NG | NG |
| T4 Post | NG | NG | ОК | NG | NG | NG |

- 1. Run a tape in Reverse mode and confirm that the tape limit is as shown in the above table.
- 2. This confirmation is done after each adjustment.

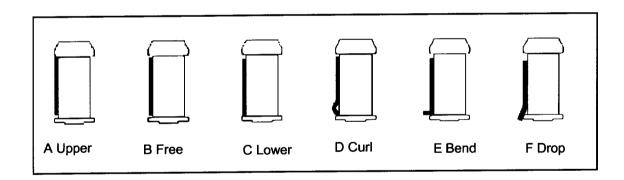


1-28. FF, REW Limit Confirmation

| Specification | Confirm the Post Limit is as shown in the following table. | |
|---------------|--|--|
| Mode | FF, REW | |
| Work Tape | M Cassette (MP Tape) Tape begin and Tape end | |

| Post | Tape Limit (Refer to Figure) | | | | | |
|--------------|------------------------------|----|----|----|----|----|
| | Α | В | С | D | Е | F |
| S5 Post | ок | ОК | ок | NG | NG | NG |
| Tension Post | NG | ок | ок | NG | NG | NG |
| S1 Post | ок | NG | NG | NG | NG | NG |
| T1 Post | ок | ок | ок | NG | NG | NG |
| T3 Post | ок | ок | ок | NG | NG | NG |
| T4 Post | ок | ок | ок | NG | NG | NG |

- 1. Run a tape in FF, REW mode and confirm that the tape limit is as shown in the above table.
- 2. This confirmation is done after each adjustment.

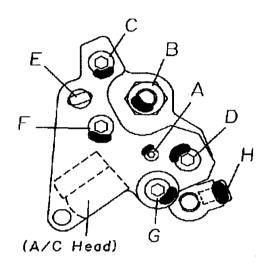


1-29. A/C Head and T3, T4 Post Screw Grew

[A/C Head Screw Grew]

| | Screw A | Other Screw |
|-------------|------------|-------------|
| Grew amount | About 3 mm | About 5 mm |

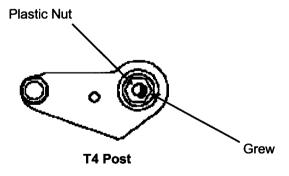
- 1. Grew after A/C Head Adjustment.
- 2. Remove the screw grew before Adjustment.



[T3 Post, T4 Post Grew]

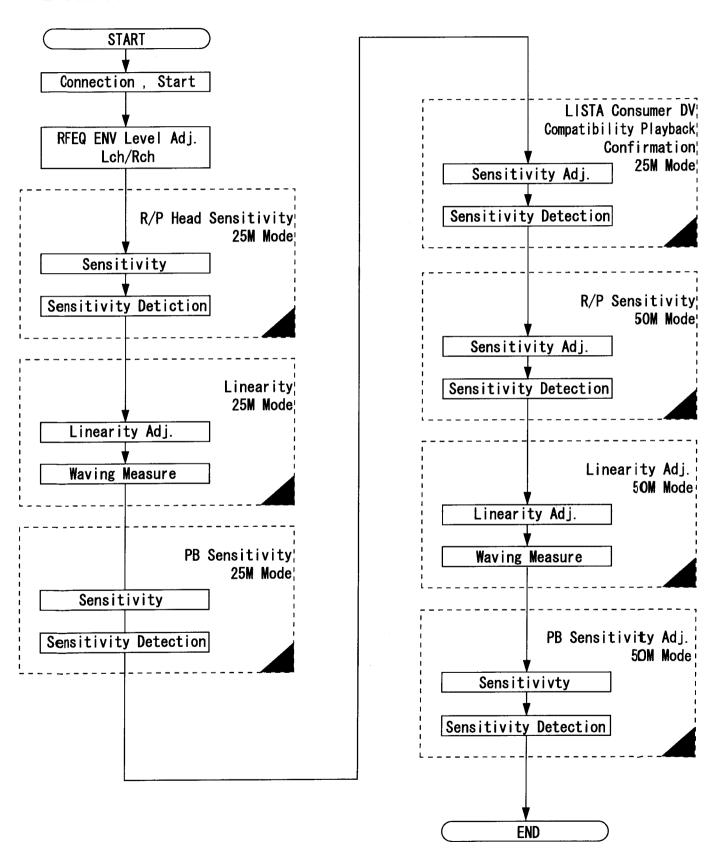
| | T3 Post | T4 Post |
|-------------|------------|------------|
| Grew amount | About 3 mm | About 5 mm |

- 1.After A/C Head Adjustment, grew the Plastic Nut part of T3 and T4 posts.
- 2. Remove the screw grew before Adjustment.



1-30. LISTA

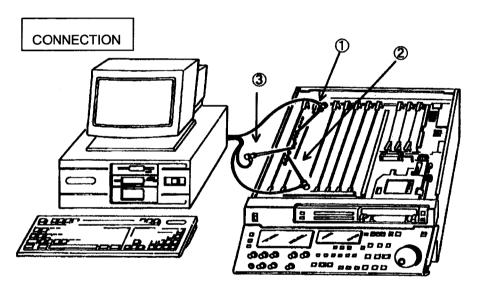
LISTA Process



1-31. LISTA Connection and Start

| Test Point | TP732 ATF ERR (SERVO:F1) | |
|------------|--|--|
| | TP722 R/P HSW (SERVO:F1) | |
| | TP723 PB HSW (SERVO:F1) | |
| | TG510 GND (SERVO:F1) | |
| M. EQ. | PC (AD Board must be installed.), Oscilloscope | |
| Таре | VFM3580KM (ENV LEVEL), VFM3581KM (LISTA) | |
| Tool | VFK1481 (LISTA Software), VFK1186(LISTA Cable) | |

- 1. Connect the LISTA cable with the A/D board in the PC.
- 2. Connect the LISTA clips to the following Test Points.
- (1) ATF:TP732 (F1)
- (2) HSW:TP722(RP HSW) or TP723(PB HSW)
- (3) GND:TG510



3. Run the LISTA software.

Installation and Operation

Make a directory like C:LISTA and copy the all files in the floppy disk of VFK1481.

Type Lista.exe in the DOS mode to run the LISTA software.

- 4. Select the model of AJ-D940 in the menu.
- 5. Select a alignment tape to use LISTA Adjustment. If it is not displayed choose one of the listed tape and type Y ((Y)es or (N)o) and resist the data which is supplied with the alignment tape.

1-32. Alignment Tape Data Registration

- 1. Select <4> Alignment Tape in the LISTA software main menu.
- 2. Select <2> ENTRY in the Alignment Tape Menu.
- 3. When << Alignment tape Data Entry >> is displayed, input the tape serial number according with the menu instruction. The serial number is stumped on the alignment tape. Then select the PAL or NTSC. Type 0 or ENTER to choose DVCPRO.
- 4. Then input the all data (37 items for NTSC) and check sum. IF the data is incorrect registration is not completed so check and input again.

After data registration select <1> SELECT.

1-33. RP Head Sensitivity Adjustment (25M Mode)

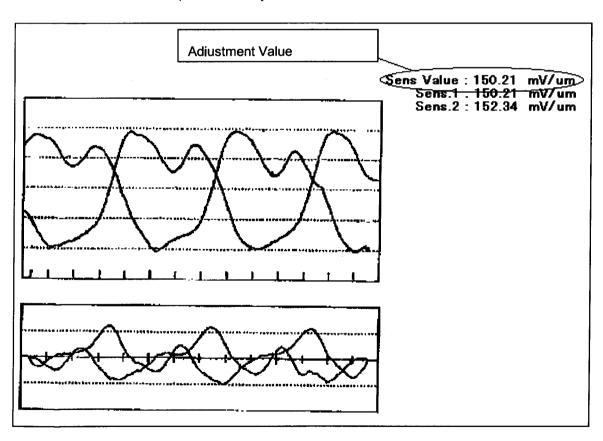
| Specification | Sensitivity 150 ± 15 (mV/um) |
|---------------|--|
| Mode | Playback |
| Test Point | (1) ATF:TP732 (2) HSW:TP722(RP HSW) (not TP723(PB HSW) (3) GND:TG510 |
| Adjustment | SERVO Adjustment Menu:"A09 RP GAIN P" |
| Таре | VFM3581KM or VFM3581KL |

Before this Adjustment adjust RFEQ (H3/H4) ENV Level Adjustment(L/R).

Set the LISTA software in 25M Mode. Select AJ-D950 in the PC menu and displays the main menu. 25M and 50m mode can be changed by "0" key.

- 1. Set the VTR in Service Mode to open the service menu and select the item of "A09 RP GAIN DP" in the "SERVO ADJUST" menu.
- 2. Playback a LISTA alignment tape (VFM3581KM).
- 3. Select the LISTA (6) ATF Error Signal Monitor and "1.2% Speed..." and type Enter to start the software.
- 4. When the picture is appeared as shown in figure adjust ATF Gain so that the "Sens. Value:" is in the Specification.

 To return the main menu press ESC key.

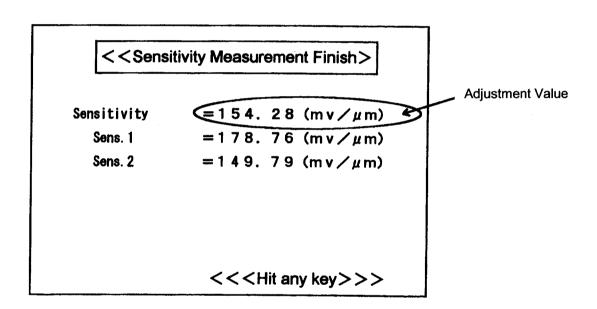


1-34. RP Head Sensitivity Detection (25M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) |
|---------------|--|
| Mode | Playback |
| Test Point | (1) ATF:TP732 (2) HSW:TP722(RP HSW) (not TP723(PB HSW) (3) GND:TG510 |
| Adjustment | SERVO Adjustment Menu: "A09 RP GAIN DP" |
| Таре | VFM3581KM or VFM3581KL |

Before this adjustment RP Head Sensitivity Adjustment (25M Mode) must be completed.

- 1. Select "A09 RP GAIN DP" in the Service Menu.
- 2. Playback a LISTA Alignment Tape (VFM3581KM).
- 3. Select LISTA Main Menu "(1) Sensitivity Measurement" Press enter when "1.2% Speed..." is appeared to start the Sensitivity measurement.
- 4. Confirm that the specification is satisfied when << Sensitivity Measurement Finish>> and "Sensitivity = sensitivity value" are appeared.

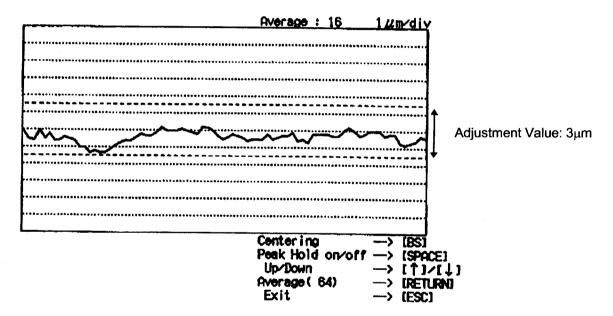


1-35. LISTA Linearity Adjustment and Waving Measurement (25M Mode)

| Specification | Linearity is less than 3um, Waving is less than 1.5um. |
|---------------|--|
| Mode | SERVO Adjustment Menu:"A10 RP LINEAR DP" |
| Test Point | (1) ATF:TP732 (2) HSW:TP722(RP HSW) (not TP723(PB HSW) (3) GND:TG510 |
| Adjustment | S1 and T1 Post Height |
| Tape | VFM3581KM or VFM3581KL |

- 1. Open the Service Menu and select "A10 RP LINEAR DP" in the "SERVO ADJUST"
- 2. Playback a LISTA alignment Tape (VFM3581KM).
- 3. Select "(2) Linearity Measurement" then Linearity waveform is appeared.
- 4. When the following waveform is appeared press "BS" (Back Space) key to centering the waveform. Adjust S1 and T1 Post Height so that the Linearity waveform is flat. Confirm the ENV waveform is flat.

Red dot lines shows the specification, so linearity waveform should be in the lines.

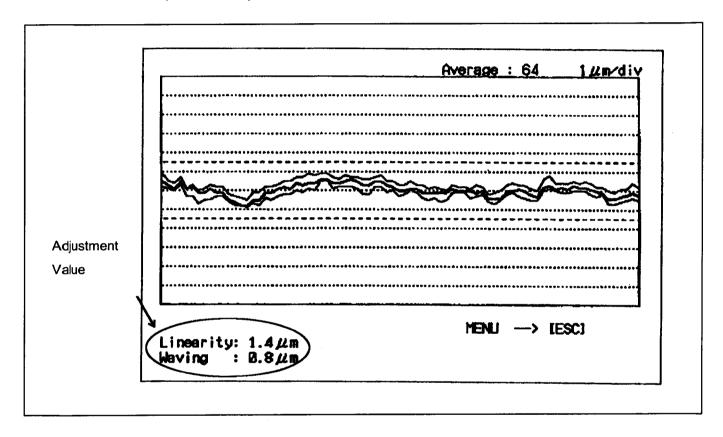


Points

- (1) The left of linearity (Entrance) is changed by S1 Post Height and right of linearity (Exit) is changed by T1 Post Height.
- (2) Lower of the monitor is changed by the lead of the cylinder.
- (3) When the Post Driver is released from the Post linearity may be changed.
- (4) After Adjustment is completed, EJECT the tape end load it again and confirm the waveform is not changed.
- 5. After the Linearity Adjustment measure the waving.

Waving Measurement

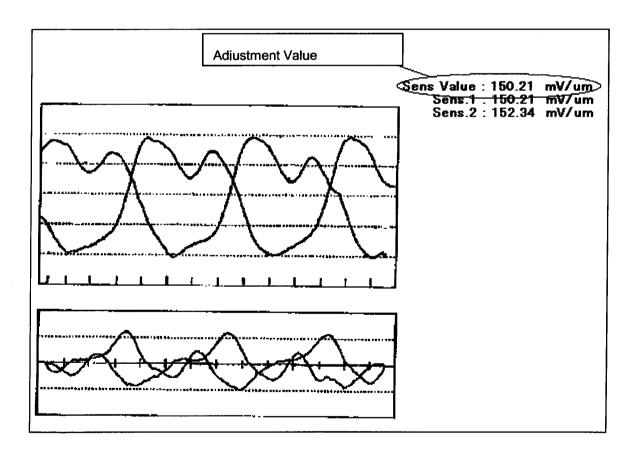
- 1. While the linearity is displayed on the monitor press "SPACE" key to hold the Peak (30 seconds).
- 2. Press "SHIFT" and "}" keys together and "Waving" value is displayed at left bottom of the monitor. Then confirm the waving is 1.5 um or less, and the waving is constant from the entrance to exit. If the waving is out of specification adjust S1 (Entrance) and T1 (Exit) Post Height.
- 3. After measurement press ESC key to return the main menu.



1-36. PB Head LISTA Sensitivity Adjustment (25M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) | |
|---------------|--|--|
| Mode | SERVO Adjustment Menu "A11 PB GAIN DP" | |
| Test Point | (1) ATF:TP732 (2) HSW:TP723(PB HSW) (not TP722(RP HSW) (3) GND:TG510 | |
| Adjustment | SERVO Adjustment Menu: "A11 PB GAIN DP" | |
| Tape | VFM3581KM or VFM3581KL | |

- 1. Open the Service Menu and select "A11 PB GAIN DP" in the "SERVO ADJUST" menu.
- 2. Playback a LISTA alignment Tape (VFM3581KM).
- 3. Select LISTA Main Menu "(6) ATF Error Signal Monitor" Press enter when "1.2% Speed..." is appeared to start the Sensitivity measurement.
- 4. When the picture is appeared as shown in figure adjust ATF Gain so that the "Sens. Value:" is in the Specification.
- 5. After Adjustment press ESC key to return the main menu.

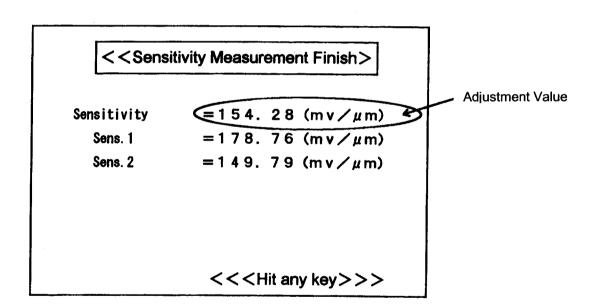


1-37. PB Head Sensitivity Detection (25M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) | | | |
|---------------|--|--|--|--|
| Mode | Playback | | | |
| Test Point | (1) ATF:TP732 (2) HSW:TP723(PB HSW) (not TP722(RP HSW) (3) GND:TG510 | | | |
| Adjustment | SERVO Adjustment Menu:"A09 RP GAIN P" | | | |
| Tape | VFM3581KM or VFM3581KL | | | |

Before this adjustment PB Head Sensitivity Adjustment (25M Mode) must be completed.

- 1. Open the Service Menu and select "A11 PB GAIN DP".
- 2. Playback a LISTA alignment tape (VFM3581KM).
- 3. Select LISTA Main Menu "(1) Sensitivity Measurement" Press enter when "1.2% Speed..." is appeared to start the Sensitivity measurement.
- 4. Confirm that the specification is satisfied when << Sensitivity Measurement Finish>> and "Sensitivity = sensitivity value" are appeared.



1-38. LISTA Consumer DV Compatibility Playback Confirmation

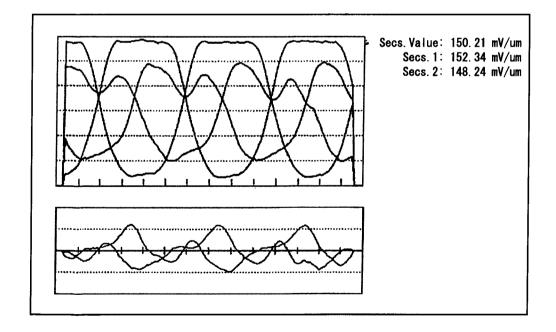
| Specification | Sensitivity 130 ± 30 (mV/um) | | | |
|---------------|--|--|--|--|
| Mode | Servo Adjustment Menu: "A08 RP GAIN" | | | |
| Test Point | TP321: ATF Error (Servo Board: F1) | | | |
| | TP233: HSW_R/P (Servo Board: F1) | | | |
| | TP510: GND (Servo Board: F1) | | | |
| Adjustment | LISTA Set | | | |
| Tape | VFM3000EDS (LISTA Master Tape for consumer DV) | | | |

- 1. Select "A08 RP GAIN" of the Servo Adjustment menu.
- 2. Select "(4) LISTA Alignment Tape" of LISTA menu and Select the "NTSC or PAL" number of DV tape number which is used for adjustment.

Note: The Alignment tape (VFM3000EDS) is common use NTSC and PAL.

Please be careful select the "NTSC" or "PAL" on the above menu, which is follow the VTR.

- 3. Playback the consumer DV LISTA master Tape.
- 4. Select the "(6) ATF Error Signal Monitor" and display the sensitivity data.
- 5. When the sensitivity data is displayed, adjust ATF Gain so that the sensitivity value at the upper-left on the monitor is in the specification.
- 6. ATF Gain is adjusted by rotating the JOG Dial while pressing the JOG/SHTL key.
- 7. After completion of adjustment, press ESC key to return menu and select (1) sensitivity Measurement.
- 8. Confirm the sensitivity value is in the specification.

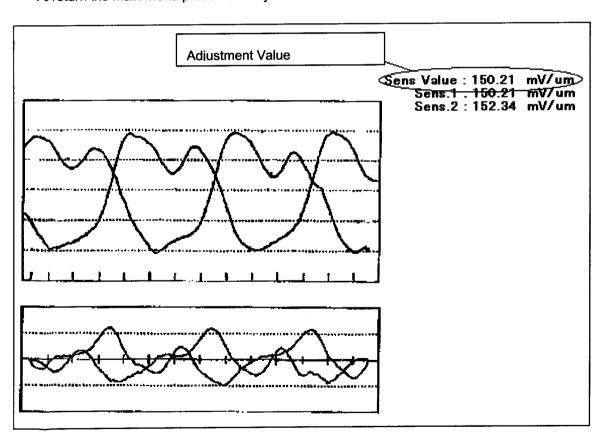


1-39. RP Head Sensitivity Adjustment (50M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) |
|---------------|--|
| Mode | Playback |
| Test Point | (1) ATF:TP732 (2) HSW:TP722(RP HSW) (not TP723(PB HSW) (3) GND:TG510 |
| Adjustment | SERVO Adjustment Menu:"A05 RP GAIN ED" |
| Tape | VFM3581KM or VFM3581KL |

- 1. Set the LISTA software in 50M Mode. Select AJ-D950 in the PC menu and displays the main menu. 25M and 50m mode can be changed by "0" key.
- 2. Open the SET-UP Menu and set #012: 422 #013: MANUAL.
- 3. Set the VTR in Service Mode to open the service menu and select the item of "A05 RP GAIN ED" in the "SERVO ADJUST" menu.
- 4. Playback a LISTA alignment tape (VFM3581KM).
- 5. Select the LISTA (6) ATF Error Signal Monitor and "1.2% Speed..." and type Enter to start the software.
- 6. When the picture is appeared as shown in figure adjust ATF Gain so that the "Sens. Value:" is in the Specification.

 To return the main menu press ESC key.

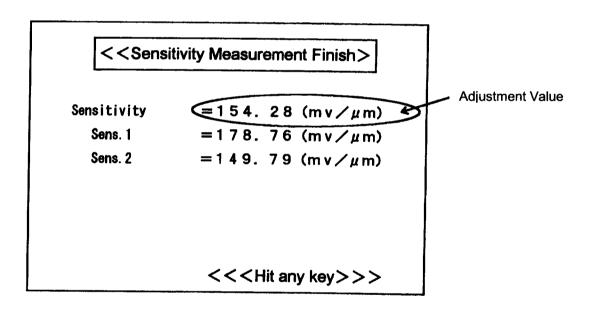


1-40. RP Head Sensitivity Detection (50M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) | |
|---------------|--|--|
| Mode | Playback | |
| Test Point | (1) ATF:TP732 (2) HSW:TP722(RP HSW) (not TP723(PB HSW) (3) GND:TG510 | |
| Adjustment | SERVO Adjustment Menu: "A05 RP GAIN ED" | |
| Tape | VFM3581KM or VFM3581KL | |

Before this adjustment RP Head Sensitivity Adjustment (25M Mode) must be completed.

- 1. Select "A05 RP GAIN ED" in the Service Menu.
- 2. Playback a LISTA Alignment Tape (VFM3581KM).
- 3. Select LISTA Main Menu "(1) Sensitivity Measurement" Press enter when "1.2% Speed..." is appeared to start the Sensitivity measurement.
- 4. Confirm that the specification is satisfied when << Sensitivity Measurement Finish>> and "Sensitivity = sensitivity value" are appeared.

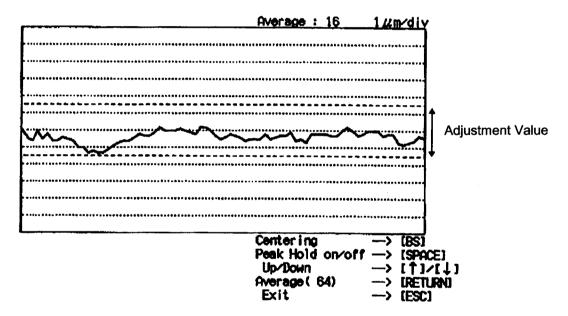


1-41. LISTA Linearity Confirmation and Waving Measurement (50M Mode)

| Specification | Linearity is less than 3um, Waving is less than 1.5um. | | | |
|---------------|--|--|--|--|
| Mode | SERVO Adjustment Menu:"A06 RP LINEAR ED" | | | |
| Test Point | (1) ATF:TP732 (2) HSW:TP722(RP HSW) (not TP723(PB HSW) (3) GND:TG510 | | | |
| Adjustment | S1 and T1 Post Height | | | |
| Tape | VFM3581KM or VFM3581KL | | | |

- 1. Open the Service Menu and select "A06 RP LINEAR ED" in the "SERVO ADJUST"
- 2. Playback a LISTA alignment Tape (VFM3581KM).
- 3. Select "(2) Linearity Measurement" then Linearity waveform is appeared.
- 4. When the following waveform is appeared press "BS" (Back Space) key to centering the waveform. Adjust S1 and T1 Post Height so that the Linearity waveform is flat. Confirm the ENV waveform is flat.

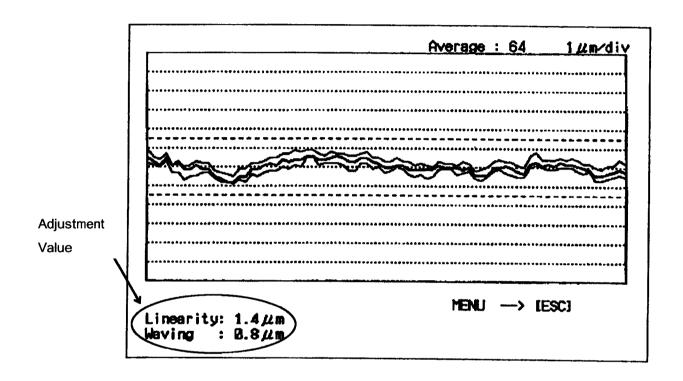
Red dot lines shows the specification, so linearity waveform should be in the lines.



After the Linearity Adjustment measure the waving.

Waving Measurement

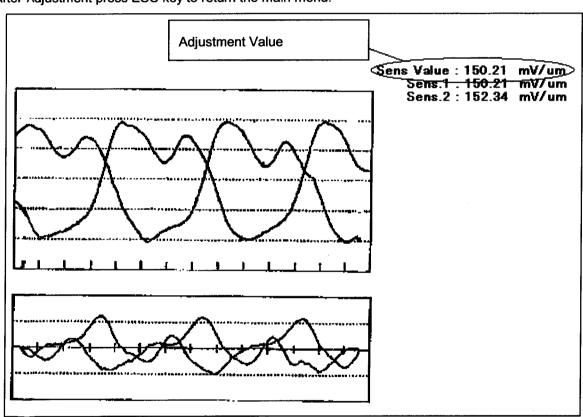
- 1. While the linearity is displayed on the monitor press "SPACE" key to hold the Peak (30 seconds).
- 2. Press "SHIFT" and "}" keys together and "Waving" value is displayed at left bottom of the monitor. Then confirm the waving is 1.5 um or less, and the waving is constant from the entrance to exit. If the waving is out of specification adjust S1 (Entrance) and T1 (Exit) Post Height.
- 3. After measurement press ESC key to return the main menu.



1-42. PB Head LISTA Sensitivity Adjustment (50M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) | | | |
|---------------|--|--|--|--|
| Mode | SERVO Adjustment Menu "A07 PB GAIN ED" | | | |
| Test Point | (1) ATF:TP732 (2) HSW:TP723(PB HSW) (not TP722(RP HSW) (3) GND:TG510 | | | |
| Adjustment | SERVO Adjustment Menu: "A07 PB GAIN ED" | | | |
| Таре | VFM3581KM or VFM3581KL | | | |

- 1. Open the Service Menu and select "A07 PB GAIN ED" in the "SERVO ADJUST" menu.
- 2. Playback a LISTA alignment Tape (VFM3581KM).
- 3. Select LISTA Main Menu "(6) ATF Error Signal Monitor" Press enter when "1.2% Speed..." is appeared to start the Sensitivity measurement.
- 4. When the picture is appeared as shown in figure adjust ATF Gain so that the "Sens. Value:" is in the Specification. After Adjustment press ESC key to return the main menu.



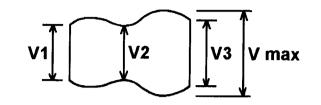
1-43. PB Head Sensitivity Detection (50M Mode)

| Specification | Sensitivity 150 ± 15 (mV/um) |
|---------------|--|
| Mode | Playback |
| Test Point | (1) ATF:TP732 (2) HSW:TP723(PB HSW) (not TP722(RP HSW) (3) GND:TG510 |
| Adjustment | SERVO Adjustment Menu:"A07 PB GAIN ED" |
| Tape | VFM3581KM or VFM3581KL |

Before this adjustment PB Head Sensitivity Adjustment (50M Mode) must be completed.

- 1. Open the Service Menu and select "A07 PB GAIN ED".
- 2. Playback a LISTA alignment tape (VFM3581KM).
- 3. Select LISTA Main Menu "(1) Sensitivity Measurement" Press enter when "1.2% Speed..." is appeared to start the Sensitivity measurement.
- 4. Confirm that the specification is satisfied when << Sensitivity Measurement Finish>> and "Sensitivity = sensitivity value" are appeared.

| 1-44. PLAY Envelope Confirmation | | | |
|----------------------------------|-------------------------------|--|--|
| Specification | V1/Vmax,V2/Vmax,V3/Vmax ≥ 0.8 | | |
| Test Point | TP201 R/P ENV L:H3/ R:H4 | | |
| Adjustment | S1,T1PostHeight | | |
| Mode | PLAY | | |
| Таре | VFM3580KM(No.1) | | |
| M. EQ. | Oscilloscope | | |
| Tool | VFK1149 (Post Driver-) | | |



- 1. Playback an alignment Tape.
- 2. Confirm the R/P Envelope Level is in the specification.
- 3. If it is not adjust ENV waveform Adjustment and LISTA Adjustment.

2. Measure Parts Replacement and Adjustment

General

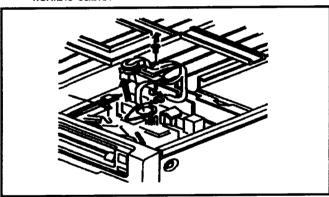
Note the following items for each part replacement.

- 1. Turn Power Off before replacement.
- 2. Use the correct tool in the Jigs and Tools list.
- 3. After replacement clean the VTR according with the cleaning procedures.

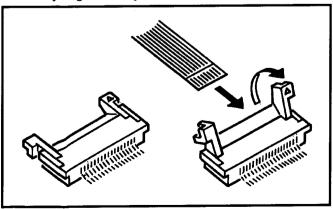
2-1. Cylinder Unit Replacement

(Removal of Cylinder Unit)

- 1. Remove the T1 guide and cleaning arm unit. (Refer to the cleaning arm unit replacement.)
- 2. Remove 2 connectors (P5002, P5003) on the Head Buffer board and remove the screw on the flexible cable.

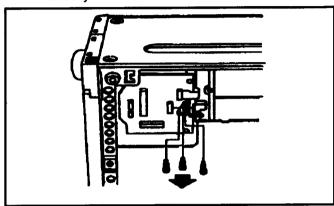


Note: Be careful to remove the flexible cable from the connector. Do not touch on the cylinder surface by finger directly.



3. Remove the connector P33 on the Mech. Interconnection board at bottom of VTR. Then remove 3 screws (with spring) and draw out the cylinder unit without touching any parts.

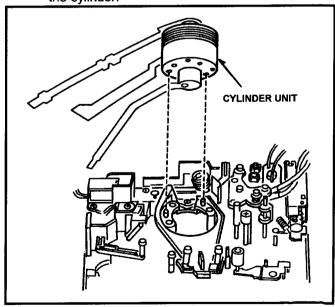
Note: Do not touch the cylinder surface by finger directly.



(Installation of cylinder)

 Install a Cylinder unit as reverse order of its removal.

Note: Set the Mechanical Chassis pins are matched with the specified cylinder holes on the bottom of the cylinder.



 After T1 Guide installation, T1 Guide Position Adjustment is necessary. (Refer to Cleaning Arm Unit Replacement and T1 Guide Position Adjustment.)

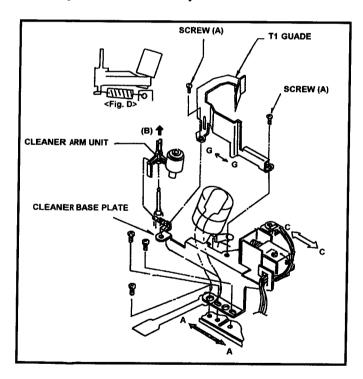
2-2. Cleaning Arm Unit Replacement

(Removal of Cleaning Arm Unit)

- 1. Remove 2 screws (A) and remove the T1 Guide.
- Hang off the tip portion (B) of Cleaning Arm Unit and hang off the spring from Cleaning Arm Unit, then remove the Cleaning Arum Unit as shown in the figure.

(Installation of Cleaning Arm Unit)

- Install a Cleaning Arm Unit to the T2 Arm Unit.
 Then remove the spring from the cleaner base
 plate and hook to cleaning arm unit. Push the
 cleaning arm unit into T2 Arm Unit.
- Push the Cleaner Solenoid. Rotate the cylinder and confirm that the cleaner roller is rotated by the cylinder movement.
- 3. Install a T1 Guide.
- 4. After T1 Guide installation, T1 Guide position adjustment is necessary.

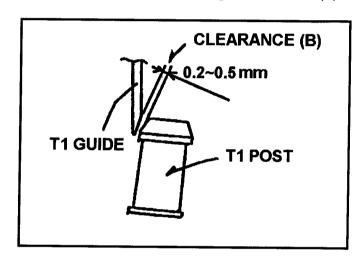


2-3. T1 Guide Position Adjustment

1. Set the VTR in no tape loading mode.

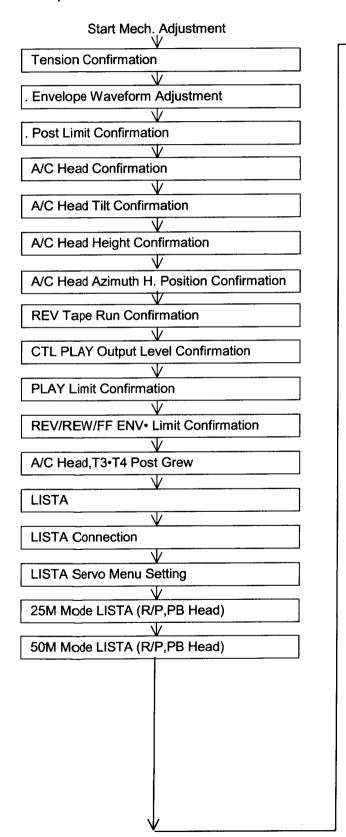
< No tape loading procedures >

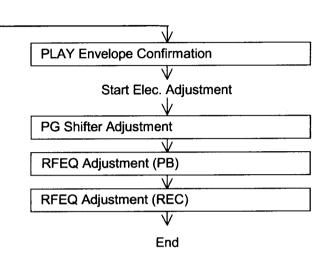
- Open the "Servo Adjust" menu in the "Service Menu".
- Select the item "T TORQUE" and press the search button to make the loading condition. Then turns power off.
- Confirm that the clearance between T Guide and T1 Post is 0.2 mm to 0.5 mm. (A little clearance is necessary.)
- 3. If it is not, loosen the 2 screws (A) and adjust the position of T1 guide by moving arrow direction (B)



2-4. Adjustments after Cylinder Unit Replacement

 Adjust following items after cylinder unit replacement.





Note: For the PG Shifter Adjustment, release hand from the search button after changing the PG Shifter value at right of "PG SHIFT" on the monitor. If the value is not changed for a long time, tape error or ITI envelope lack may be occurred.

2-5. A/C Head Replacement

Replacement Procedures

Tool

Nut Driver (5.5mm)(VFK1150)

Hex Driver (VFK

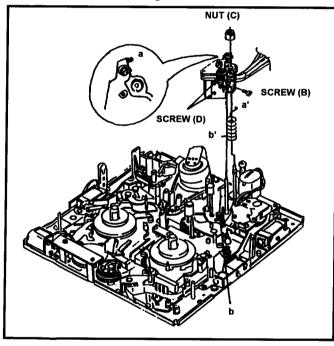
(VFK1148)

Hex Wrench (VFK1190)

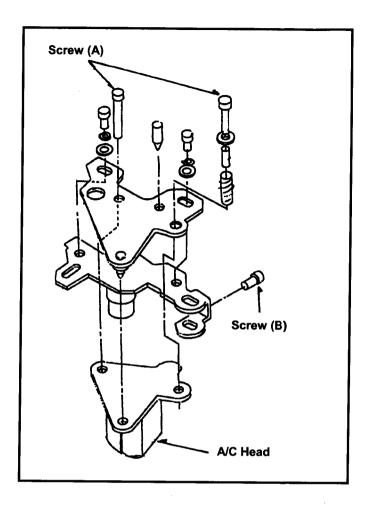
(Removal of A/C Head)

- Remove the top panel.
- Loosen the hex screw (B) and remove the nut (C) then hang off the height adjustment spring (a).
 Remove the A/C Head Unit.

Note: Remember the Nut (C) height before removing it.

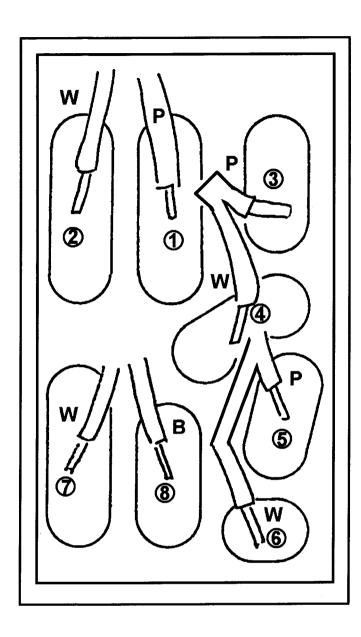


- Remove 2 screws (A) and remove P1 on AC HEAD I/F board and P2030 on Mech. I/F board, then remove A/C Head.
- 4. Remove 2 screws (D) and remove the shield case.
- Unsolder the Lead wire from the A/C Head. (When unsolder the lead wires, do not unsolder all at the same time.)



(Installation of A/C Head)

- Remove the shield case from a new A/C Head and solder the each lead wires.
- 2. Install the shield case.
- Install the A/C head to the A/C head plate by 2 screws (A). Then set to parallel the gap between A/C Head and A/C Head Plate.
- 4. Install the A/C Head unit.
- 5. Hang on the Head Height Adjustment Spring and tighten the Nut (C).
- 6. Clean the surface of the A/C Head.
- 7. A/C Head Adjustment is necessary.



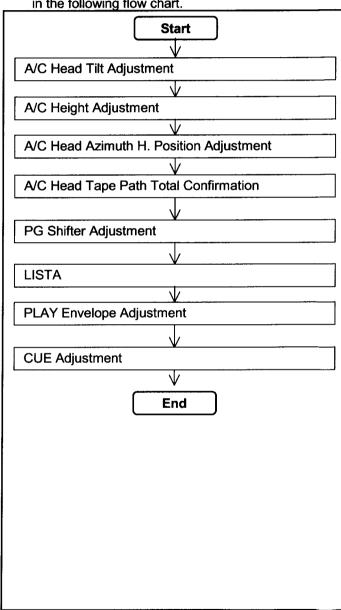
| A/C Head Side | Cable Color | | Connector No. |
|---------------|-------------|--------|---------------|
| 1 | PINK | YELLOW | |
| 2 | WHITE | | |
| 3 | PINK | RED | P1 |
| 4 | WHITE | | |
| 5 | PINK | GREEN | |
| 6 | WHITE | | |
| 7 | WHITE | YELLOW | P30 |
| 8 | BLACK | | |

2-6. A/C Head Adjustment

 After A/C Head Replacement, from the item of A/C Head Tilt to the item of A/C head horizontal position adjustment are necessary.

Note: Keep loosen the hex screw (B) at the side of A/C head until A/C head height adjustment completion.

2. A/C Head Adjustment and Confirmation are shown in the following flow chart.



2-7.Supply and Take-up Reel Unit Replacement

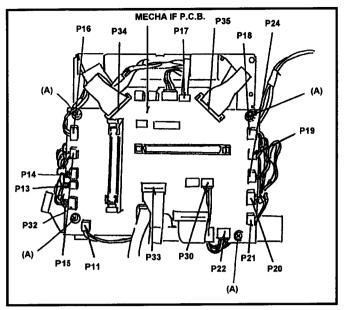
(Removal of Supply and Take-up Reel Unit)

- Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- 4. Remove the connector P34 and P35 on the Mech. I/F board.
- 5. Rotate CW the Red Plastic Screw which is used for manual tape eject and load the S1 Post to make the space for screw (C).
- Confirm that the S and T brake solenoid iron core are released.
- Push the M Stopper Solenoid to release the M Stopper.
- 8. Remove 4 Screws (C), (D) and (E).
- The Reel Table is hooked with inner rail. Slightly lift the Reel Table so that it does not touch the brake release arm. Then remove the Reel Table.

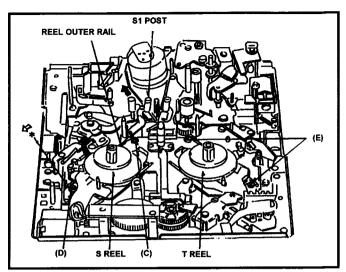
Note: Memorize the groove position of Reel Base which is inserted the pin of Drive Arm Unit. (The position can remember by the attached grease.)

(Installation of Supply and Take-up Reel Unit)

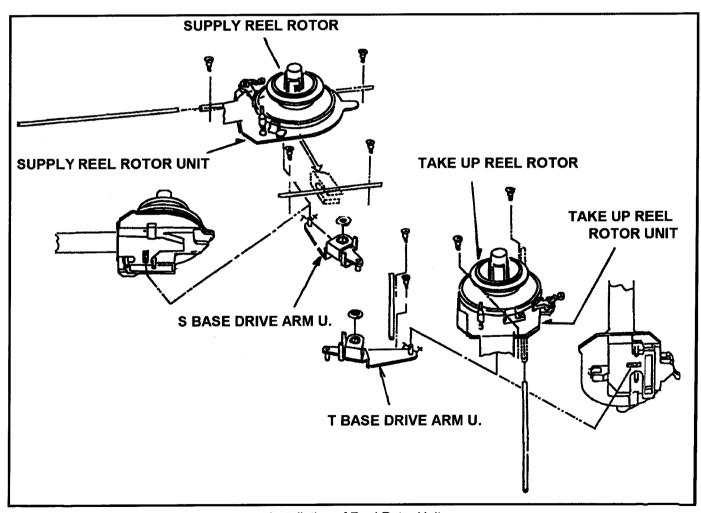
- 1. Insert the outer rail at the new Reel Table.
- Hook the Reel Table Unit at the inner rail. Then install a Reel Table so that its groove is matched with the pin of Drive Arm Unit.
- 3. Tighten 4 screws (C), (D) and (E) then confirm the Reel Table moves smoothly on the Rail by hand.
- 4. Move the Reel Rotor Unit to front side by hand and pull up the iron core of M stopper solenoid
- Unload completely by rotating the Red Plastic screw CCW.
- Insert the flexible cable into P34 and P35 on the Mech. I/F board.
- 7. Confirm the Main Brake Torque. (Refer to the Main Brake Torque Confirmation.)
- 8. Adjust the Motor Torque Offset. (Refer to the Motor Torque Offset Adjustment.)
- 9. Confirm the Tension Value. (Refer to the Tension Confirmation.)



Mech. IF Board



Removal Reel Rotor Unit



Installation of Reel Rotor Unit

2-8. Supply and Take-up Brake Arm Unit Replacement

(Removal of Brake Arm Unit)

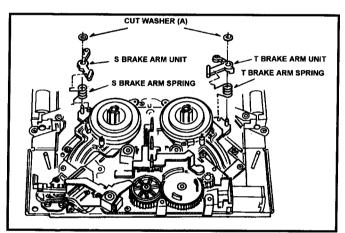
- Remove the top panel.
- 2. Remove the front loading unit.
- Push the supply and take-up brake solenoids to release brake.
- 4. Remove 2 cut washers (A) and remove supply and take-up brake arm unit.

(Installation of Brake Arm Unit)

 Install new supply and take-up brake arm units as reverse order of removal.

Note: Hook the brake arm spring at the position shown in the figure.

 After the Brake Arm Unit Installation, confirm the Main Brake Torque. (Refer to the Main Brake Torque Confirmation.)

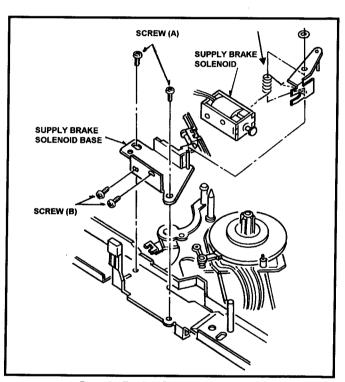


Reel Brake Arm Unit Replacement

2-9. Supply Brake Solenoid Replacement and Adjustment

(Removal of Supply Brake Solenoid)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- 4. Remove the connector P15 on Mech. Interconnection board.
- Remove 2 screws (A) and remove the Supply Brake Solenoid Base Unit.
- Remove 2 screws (B) and remove the Supply Brake Solenoid from its unit.



Supply Brake Solenoid Removal

(Installation of Brake Solenoid)

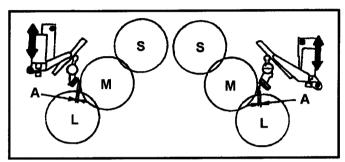
 Install a new supply brake solenoid as reverse order of its removal.

Note: Set the supply brake spring at the position shown in the figure.

2. After installation, adjust following procedures.

(Adjustment Procedures)

- 1. Set the Reel Table at M cassette position.
- 2. Confirm the gap (A) between Brake pad and Turn table is 0.2 mm to 0.5 mm.
- 3. If the gap (A) is out of specification, loosen 2 screws and adjust brake solenoid unit as arrow direction so that the gap is in the specification.
- 4. After the above adjustment move the Reel Table to S cassette or L cassette position and confirm the gap is in the specification.

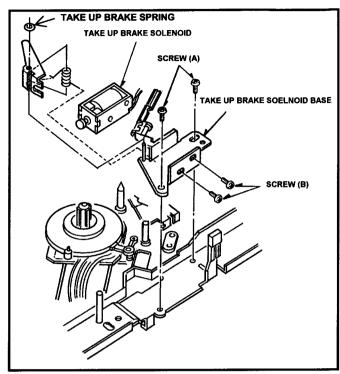


Brake Solenoid Position Adjustment

2-10 Take-up Brake Solenoid Replacement and Adjustment

(Removal of Take-up Brake Solenoid)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- 4. Remove the connector P18 on the Mech. Interconnection board.
- 5. Remove 2 screws (A) and remove the take-up brake solenoid base unit.
- Remove 2 screws (B) and remove the Brake Solenoid from the Take-up Brake Solenoid Base Unit.



Take up Brake Solenoid Removal

(Installation)

 Install a new Take up Brake Solenoid as reverse order of its removal.

Note: Install a take up brake spring as shown in the figure.

 After installation adjust the gap between brake pad and turn table. (Refer to Supply Brake Solenoid Replacement and Adjustment.)

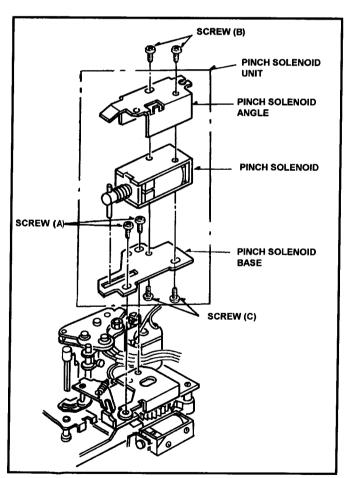
2-11. Pinch Solenoid Replacement

(Removal of Pinch Solenoid)

- Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- 4. Remove 2 screws (A) and remove the Pinch Solenoid Unit.
- 5. Remove 2 screws (B) and remove the Pinch Solenoid Angle.
- 6. Remove 2 screws (C) and remove pinch solenoid base then remove Pinch Solenoid.

(Installation of Pinch Solenoid)

 Install a new Pinch Solenoid as reverse order of its removal. After installation Pinch Solenoid Position Adjustment is necessary. (Refer to Pinch Solenoid Position Adjustment.)



Pinch Solenoid Removal

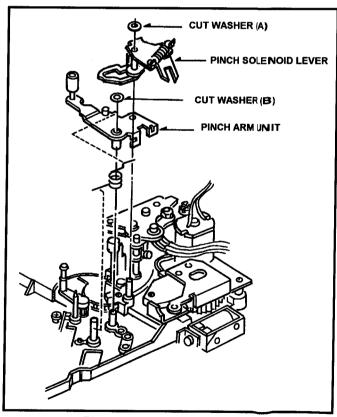
2-12. Pinch Arm Unit Replacement

(Removal of Pinch Arm Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- 4. Disconnect the connector P20 on the Mech. Interconnection board.
- 5. Remove the Pinch Solenoid Unit.
- 6. Remove 2 Screws (A) and remove the Pinch Solenoid Unit.
- 7. Remove the cut washer (B) and remove the Pinch Solenoid Lever.
- Remove the cut washer (C) and remove the Pinch Arm Unit.

(Installation of Pinch Arm Unit)

 Install a new Pinch Solenoid as reverse order of its removal. After installation adjust Pinch Solenoid Position Adjustment. (Refer to Pinch Solenoid Position Adjustment.)



Pinch Arm Unit Replacement

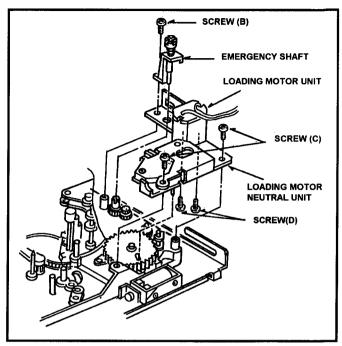
2-13 Loading Motor Replacement

(Removal of Loading Motor)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- Disconnect the connector P21 on the Mech. I/F board. Which is shown in the Supply an Take-up Reel Unit Replacement.
- Remove the Pinch Solenoid Unit. (Refer to Pinch Solenoid Replacement.)
- 6. Remove the screw (B) and remove the Emergency Shaft.
- Remove 2 screws (C) and remove the Loading Motor Neutral Unit.
- 8. Remove 2 screws (D) and remove the Loading Motor.

(Installation of Loading Motor)

- Install a new Loading Motor with 2 screws (D) to the Loading Motor Neutral Unit.
- Install the Loading Motor unit with 2 screws (C).
 For this installation, be careful that the pin of Mode SW unit should be matched to groove position of main Cam Gear.
- 3. Install the emergency shaft with screw (B).
- Install the Pinch Solenoid Unit. After installation adjust Pinch Solenoid Position Adjustment. (Refer to Pinch Solenoid Position Adjustment.)
- 5. Connect the connector P21.



Removal of Loading Motor

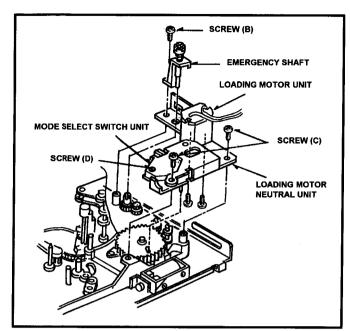
2-14. Mode Switch Unit Replacement

(Removal of Mode Switch Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel.
- 4. Disconnect P22 on the Mech. Interconnection board.
- Remove the Pinch Solenoid Unit and Loading Motor Neutral Unit. (Refer to Loading Motor Replacement.)
- Remove 2 screws (D) and remove the Mode Switch Unit from the Loading Motor Neutral Unit.

(Installation of Mode Switch Unit)

- Install a new Mode Switch Unit in reverse order of its removal.
 - **Note:** Set the pin of the Mode Switch to the groove of the Main Cam Gear.
- After Pinch Solenoid Unit, adjust Pinch Solenoid Position Adjustment. (Refer to Pinch Solenoid Position Adjustment.)



Removal of Mode Switch Unit

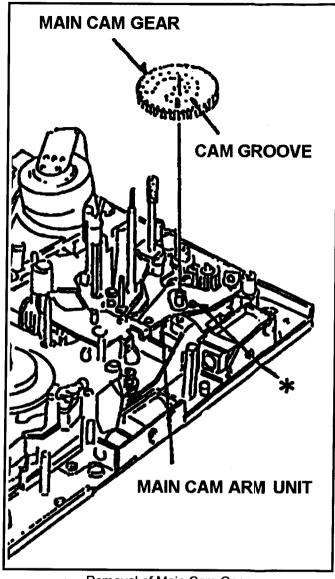
2-15. Main Cam Gear Replacement

(Removal of Main Cam Gear)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- Remove the Pinch Solenoid Unit and Loading Motor Neutral Unit. (Refer to Loading Motor Replacement and Pinch Arm Unit Replacement.)
- 4. Remove the Main Cam Gear.

(Installation of Main Cam Gear)

 Install a new Main Cam Gear in reverse order of its removal. For this installation, set the pin of the Income Arm Unit to the groove of the Main Cam Gear.



Removal of Main Cam Gear

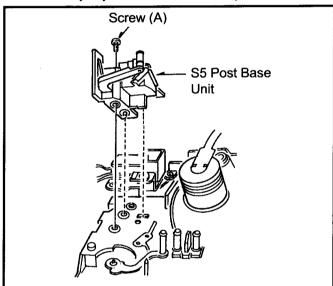
2-16. S5 Post Base Unit Replacement

(Removal of S5 Post Base Unit)

- Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the screw (A) and remove the S5 Post Base Unit.

(Installation of S5 Base Unit)

- Install the new S5 Post Base Unit as reverse order of its removal.
 - (Note) Install the S5 Post by the position fix as shown in the figure.
- 2. After installation, Post Pre-adjustment and Linearity adjustment are necessary.



Removal of S5 Post Base Unit

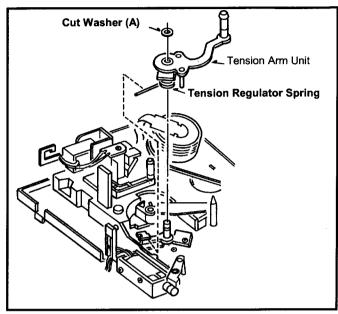
2-17. Replacement of Tension Arm Unit

(Removal of Tension Arm Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- Remove the cut washer (A) and remove the tension regulator spring from its hook then remove the tension arm unit.

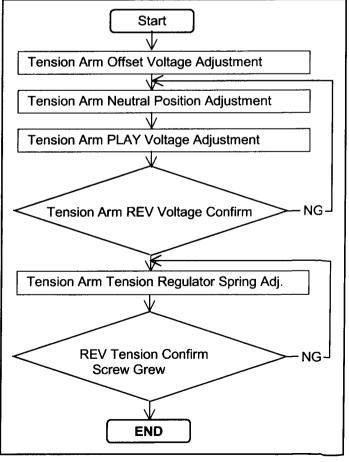
(Installation of Tension Arm Unit)

- Install the new Tension Arm Unit as reverse order of its removal.
- After installation adjust tension arm adjustment following the tension arm adjustment flow chart.



Removal of Tension Arm Unit

Tension Arm Adjustment Flow Chart



2-18. S1 Post Loading Arm Unit Replacement and Adjustment

(Removal of S1 Post Loading Arm Unit)

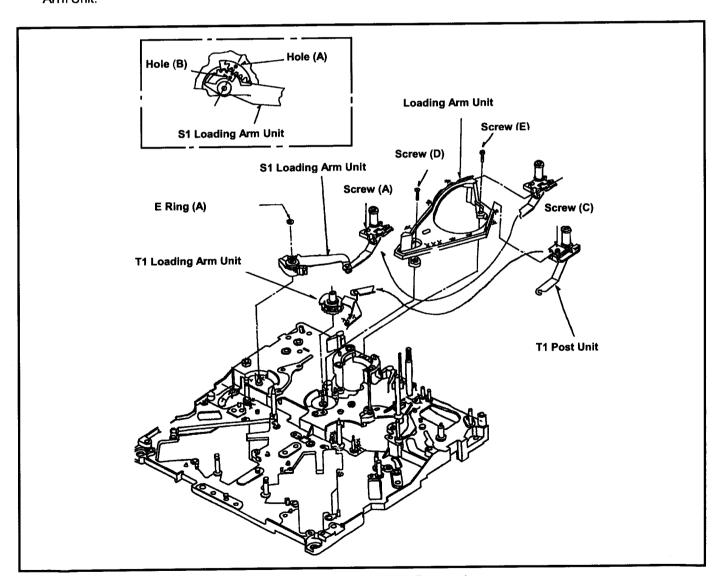
- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the S5 Post Base Unit. (Refer to S5 Post Base Unit Replacement.)
- 4. Remove the tension arm unit. (Refer to Tension Arm Unit Replacement.)
- 5. Remove the screw (A) and remove the S1 Post from the loading rail.
- 6. Remove the E ring (A) and remove the S1 Loading Arm Unit.

(Installation of S1 Post Loading Arm Unit)

- Install a new S1 Post Loading Arm Unit as reverse order of removal. After its installation S1 Post Loading Arm Unit Phase Adjustment is necessary.
- After its installation confirm the S1 Post moves smoothly on the loading rail. Then Adjust the Tension Arm and Linearity.

(Adjustment Procedure)

1. When S1 Post Loading Arm is installed, the hole (A) and (B) must be parallel.



S1 Post Loading Arm Unit Removal

2-19. T1 Boat Unit Replacement

(Removal of T1 Boat Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- Remove the screw (C) and remove the T1 Post from the Loading Rail.
- Remove the T1 Boat Unit from the T1 Loading Arm Unit.

(Installation of T1 Boat Unit)

- Install a new T1 Boat Unit as reverse order of its removal.
- After its installation, confirm the T1 Post moves on the Loading Rail. Then Linearity Adjustment is necessary.

2-20. T1 Loading Arm Unit Replacement and Adjustment

(Removal of T1 Loading Arm Unit)

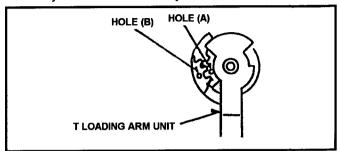
- 1. Remove the top panel.
- 2. Remove the front loading unit.
- Remove the cylinder unit. (Refer to the cylinder unit replacement.)
- 4. Rotate the emergency eject shaft CW to load the T1 Post and make a space to remove the screw (D) as shown in Fig. 6-15-1.
- Remove the screw (A) and (C) then remove the S1 and T1 Posts from the Loading Rail.
- Remove the screw (D) and (E) and remove the Loading Rail.
- 7. Remove the T1 Boat Unit from the T1 Loading Unit.

(Installation of T1 Loading Arm Unit)

 Install a new T1 Loading Arm Unit as reverse order of its removal. For this installation the following adjustment is necessary.

(Adjustment Procedures)

- 1. Install T1 Loading Arm Unit so that the Hole (A) and Hole (B) are in parallel.
- After installation, confirm that the T1 post moves smoothly on the Loading Rail. Then Linearity Adjustment is necessary.



T1 Loading Arm Unit Position Adjustment

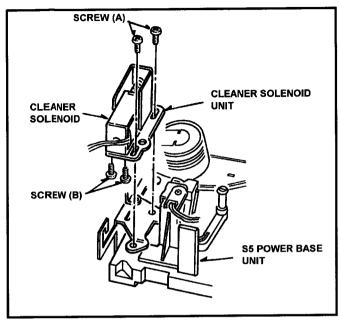
2-21.Cleaner Solenoid Replacement and Adjustment

(Removal of Cleaner Solenoid)

- 1. Remove the top panel.
- 2. Remove the Front Loading Unit.
- 3. Remove the connector P11 on the Mechanical Interconnection Board.
- 4. Remove two screws (A) and remove the Cleaner Solenoid Unit.
- Remove two screws (B) and remove the Cleaner Solenoid.

(Installation of Cleaner Solenoid)

- Install a new Cleaner Solenoid as reverse order of its installation.
- After its installation adjust Cleaner Solenoid Position.



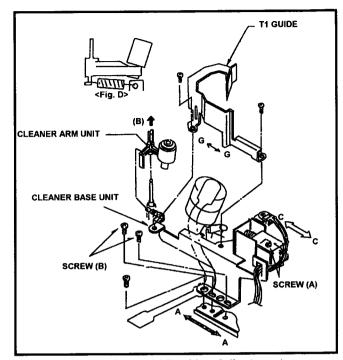
Cleaner Solenoid Replacement

2-22. Cleaner Solenoid Position Adjustment

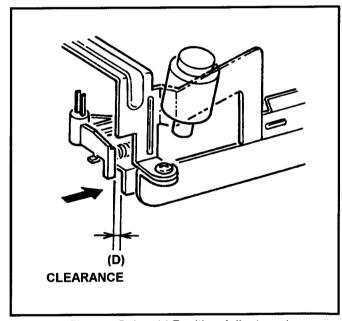
Tool

Eccentric Driver (VFK0357)

- Push the Cleaner Solenoid Shaft and confirm the clearance between Cleaning Arm Unit and Cleaner Base Plate (D) is 0.5 mm to 0.7 mm.
- 2. If it is out of specification, loosen 2 screws (A) and move the cleaner solenoid arrow C direction and adjust the clearance (D) is in the specification.
- Push the cleaner solenoid shaft and confirm that the cleaner roller touches the cylinder. Then confirm that the cleaner roller returns original position when the shaft is released.
- Push the Solenoid shaft and rotate the cylinder and confirm that the cleaner roller is rotated by the cylinder movement.



Cleaner Solenoid Position Adjustment



Cleaner Solenoid Position Adjustment

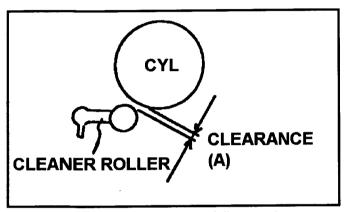
Note: If the Cleaner Base Plate is moved, Cleaner Roller Position Adjustment is necessary.

2-23. Cleaner Roller Position Adjustment

Tool

Eccentric Driver (VFK0357)

- 1. Confirm that the clearance (A) between cylinder unit and cleaner roller is 1.0 mm to 1.2 mm.
- 2. If it is out of specification loosen screw (B) and move the cleaner base unit and adjust its position by the eccentric driver.



Cleaner Roller Position Adjustment

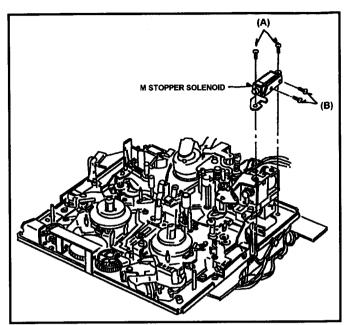
2-24. M Stopper Solenoid Replacement and Adjustment

(Removal of M Stopper Solenoid)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the connector P24 on the Mech. Interconnection board.
- 4. Remove 4 screws (A) and (B) and remove the M Stopper Solenoid.

(Installation of M Stopper Solenoid)

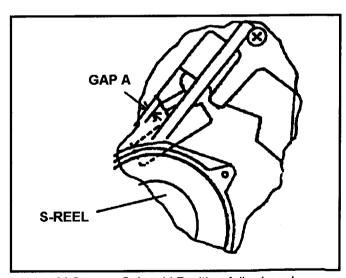
- Install a new M Stopper Solenoid as reverse order of its removal.
- 2. After its installation following adjustment is necessary.



M Stopper Solenoid Removal

(Adjustment Procedures)

- Set the Reel Table at L cassette position.
- Release the M Stopper by pushing the M Stopper Solenoid Shaft.
- Loosen the screw (A) and adjust the M Stopper Solenoid Unit Position so that the Gap (A) between Mech. Chassis and M Stopper is 1.1 mm to 1.3 mm.



M Stopper Solenoid Position Adjustment

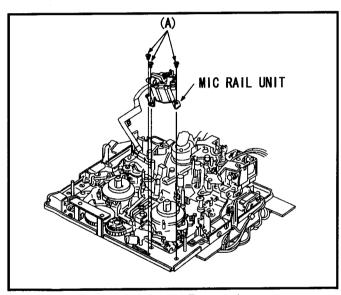
2-25. MIC Rail Unit Replacement

(Removal of MIC Rail Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the bottom panel. (Refer to the bottom panel removal.)
- 4. Remove the connector P17 on the Mech. Interconnection board.
- 5. Remove the MIC Drive REV Spring.
- 6. Remove 3 screws and remove the MIC Rail Unit.

(Installation of MIC Rail Unit)

- 1. Install a new MIC Rail Unit as reverse order of its installation.
- Confirm that M and L cassette touches MIC Rail Unit.



MIC Rail Unit Removal

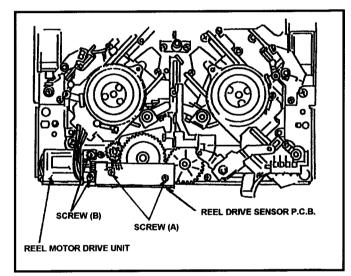
2-26. Reel Drive Motor Unit Replacement

(Removal of Reel Drive Motor Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the connector P16 on the Mech. Interconnection board.
- Remove 2 screws (A) and remove the Reel drive sensor board.
- Remove 2 screws (B) and remove the Reel Drive Motor Unit.

(Installation of Reel Drive Motor Unit)

 Install a new Reel Drive Motor Unit as reverse order of its removal.



Reel Drive Motor Unit Removal

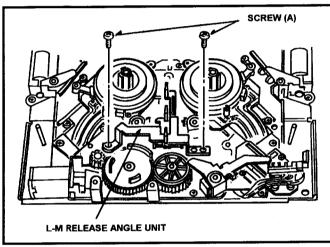
2-27. L-M Brake Release U. Replacement

(Installation of L-M Brake Release Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- 3. Remove the screw (A) and remove the L-M Brake Release Unit.

(Installation of L-M Brake Release Unit)

 Install a new L-M Brake Release Unit as reverse order of its removal.



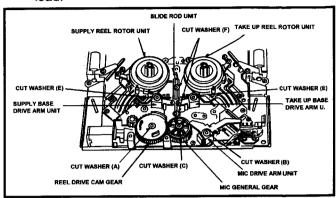
L-M Brake Release Unit Removal

2-28. Slide Rod Unit Replacement and Adjustment

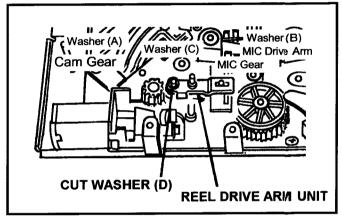
(Removal of Slide Rod Unit)

- 1. Remove the top panel.
- 2. Remove the front loading unit.
- Remove the L-M Brake Release Unit. (Refer to L-M Brake Release Unit Replacement.)
- 4. Remove the Reel Drive Sensor board. (Refer to Reel Drive Motor Unit Replacement.)
- Remove the cut washer (A) and remove the Reel Drive Cam Gear.
- Remove the cut washer (B) and remove the MIC Drive Arm Unit.
- Remove the cut washer © and remove the MIC intermittent gear.
- 8. Remove the cut washer (D) and remove the Reel Drive Arm Unit.
- Remove the supply and take-up reel rotor unit. (Refer to Supply and Take-up Reel Table Unit Replacement.)

- 10. Remove the cut washer (E) and remove the supply and take-up side base drive arm unit.
- 11. Remove the cut washer (F) and remove the slide load.



Slide Rod Unit Removal



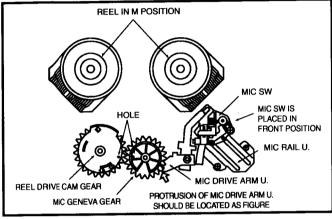
Reel Drive Arm Unit Removal

(Installation of Slide Rod Unit)

- Install a new Slide Rod Unit as reverse order of its removal.
- 2. When Reel Drive Cam Gear and MIC Intermittent Gear are installed phase adjustment is necessary.

(Adjustment Procedures)

- 1. Install a MIC Intermittent Gear.
- 2. Set the Reel Rotor Unit at M Cassette Position by hand.
- 3. Install a MIC Drive Arm Unit.
- 4. Rotate the MIC intermittent Gear by hand so that the Distinction SW is as close as possible.



Gear Position

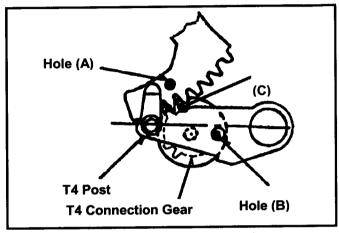
- 5. Install a Reel Drive Cam Gear so that the its hole is at MIC intermittent gear hole.
- 6. Install 3 cut washers (A), (B) and (C).

Adjustment Note:

- 1) Close the Reel Table to M Cassette position.
- Set the MIC SW (Distinction SW) to the nearest position from the Reel.
- MIC Drive Arm Unit Pin position is as shown in the above figure.
- Reel Drive Came Gear Hole and MIC Intermittent Gear phase are matched.

2-29. T4 Post Position Adjustment

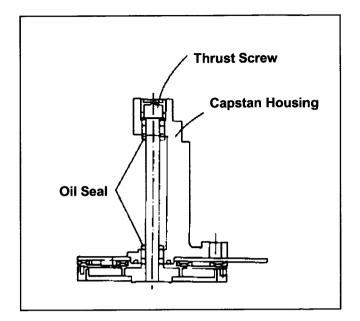
- 1. Set the VTR unloading condition.
- 2. Confirm the T4 post hole is at the T4 connection gear (B).
- 3. Confirm that © and hole (A) position is as shown in the figure.
- 4. If the T4 post position is incorrect adjust following procedures.

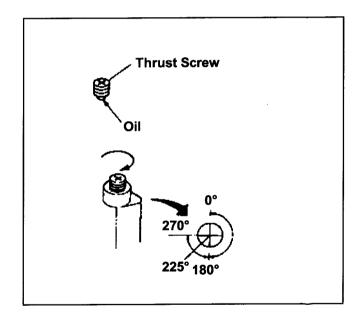


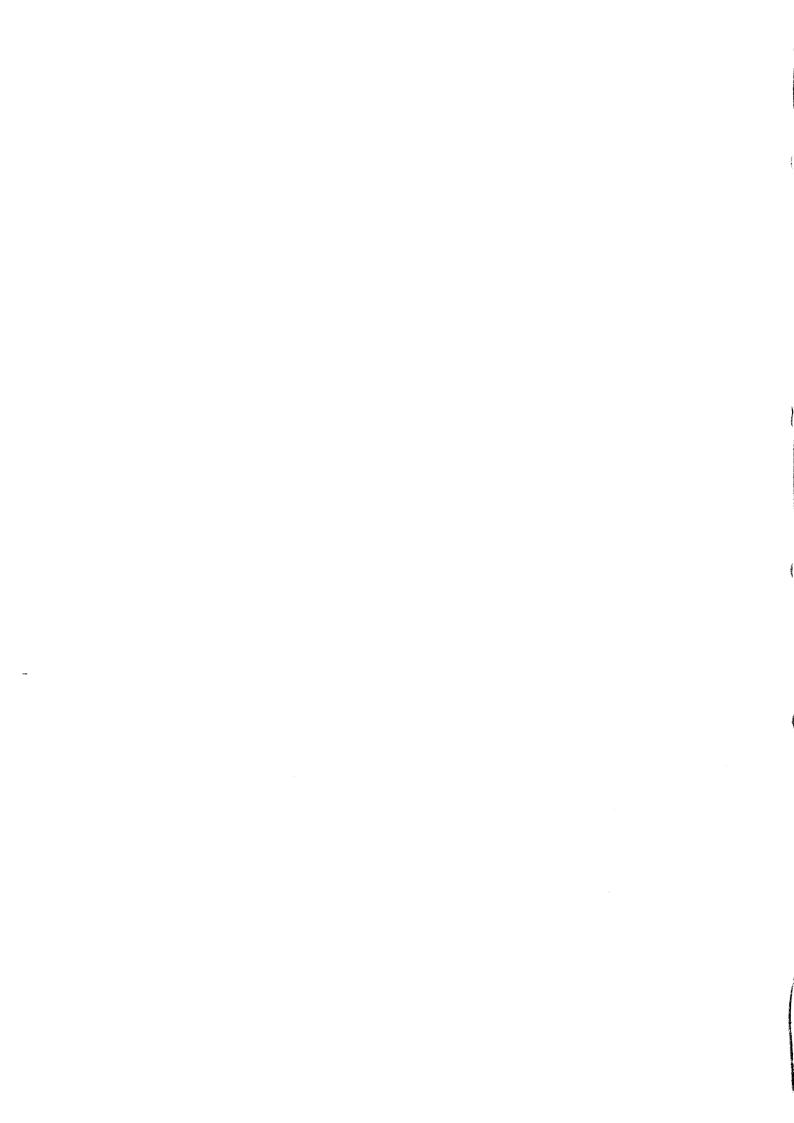
T4 Post Position Adjustment

2-30. Thrust Screw Replacement and Adjustment

- 1. Remove the Thrust Screw.
- 2. Supply oil (VFK0906) as shown in the figure and set the capstan housing.
- While rotating the capstan shaft CCW tighten the thrust screw CW slowly and stop it when the rotation becomes smoothly.
- 4. Rotate another 180 degrees or 270 degrees from the stop position of item 3.
- 5. Grew the thrust screw.
- 6. Confirm the oil seal as shown in figure.







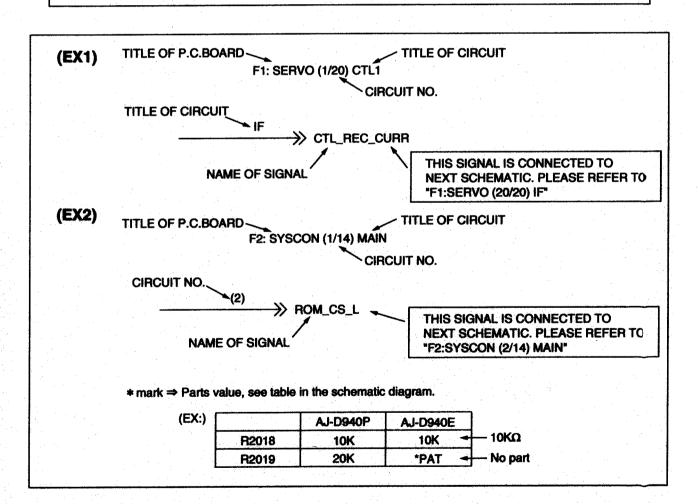
SCHEMATIC DIAGRAMS

CAUTION

Note:

- 1. Do not use the part number shown on the schematic diagram or P.C. Board layout for ordering.
 - The correct part number for ordering is shown in the Exploded Views/Parts List section.
- Unless otherwise specified, all resistors are in OHMS,
 K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=μμF.

D BEOGYES AN ELECTRIC SHOOK DURING HEPAR AND SERVICE OF THE PRODUCTS



DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER

SHOWN IN THE PARTS LIST. AND MAY BE SLIGHTLY DIFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

2MAROAIG OITAMBHC

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY

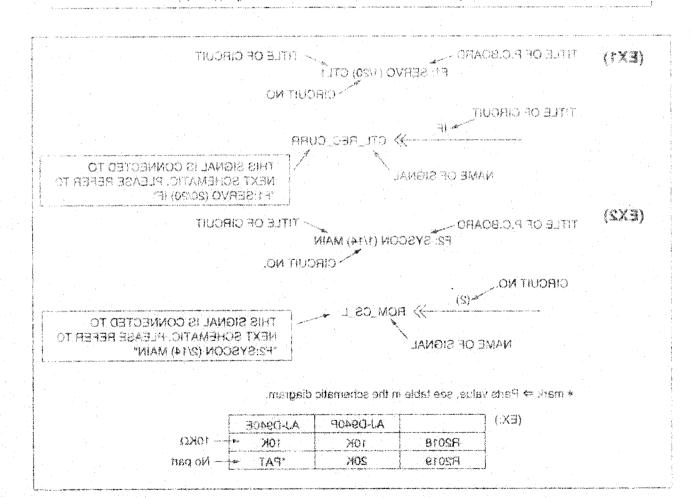
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK A HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

The correct part number for ordering is shown in the Exploded Views/Parts List

2. Unless otherwise specified, all resistors are in OHMS, K=1.000 OHMS, all capacitors are in MICROPARADS (nF), P=unR



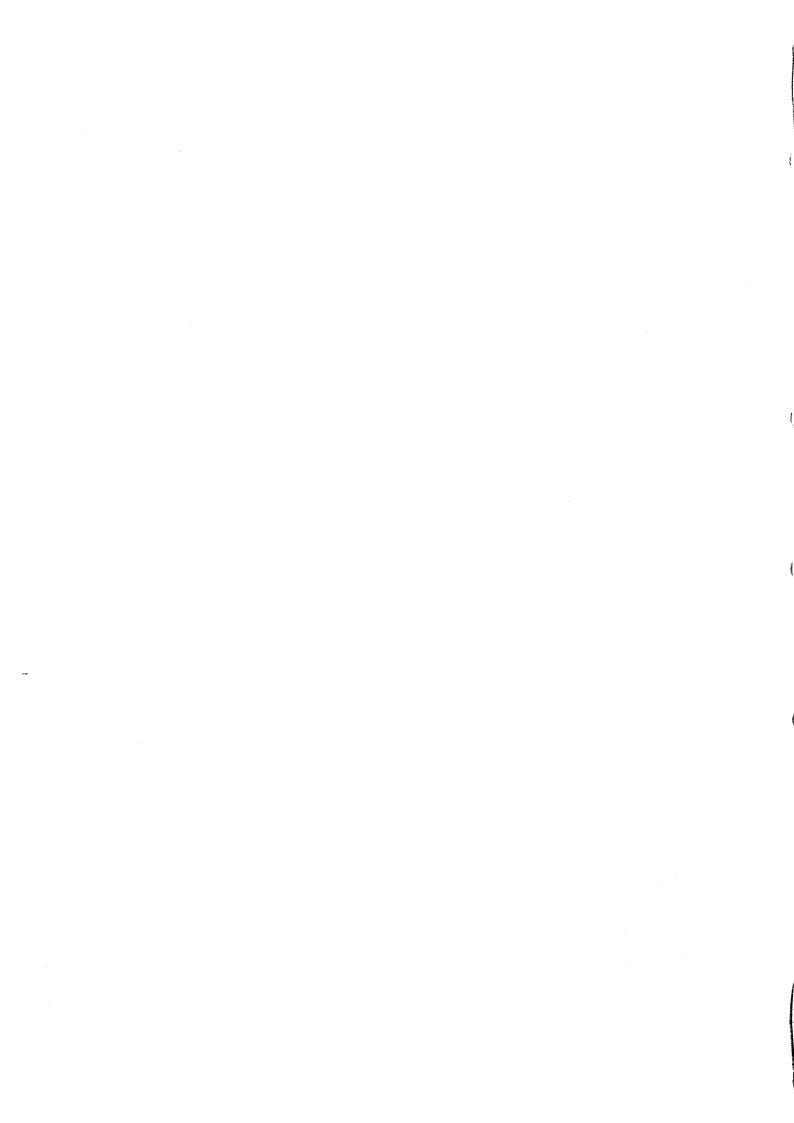
CONTENTS

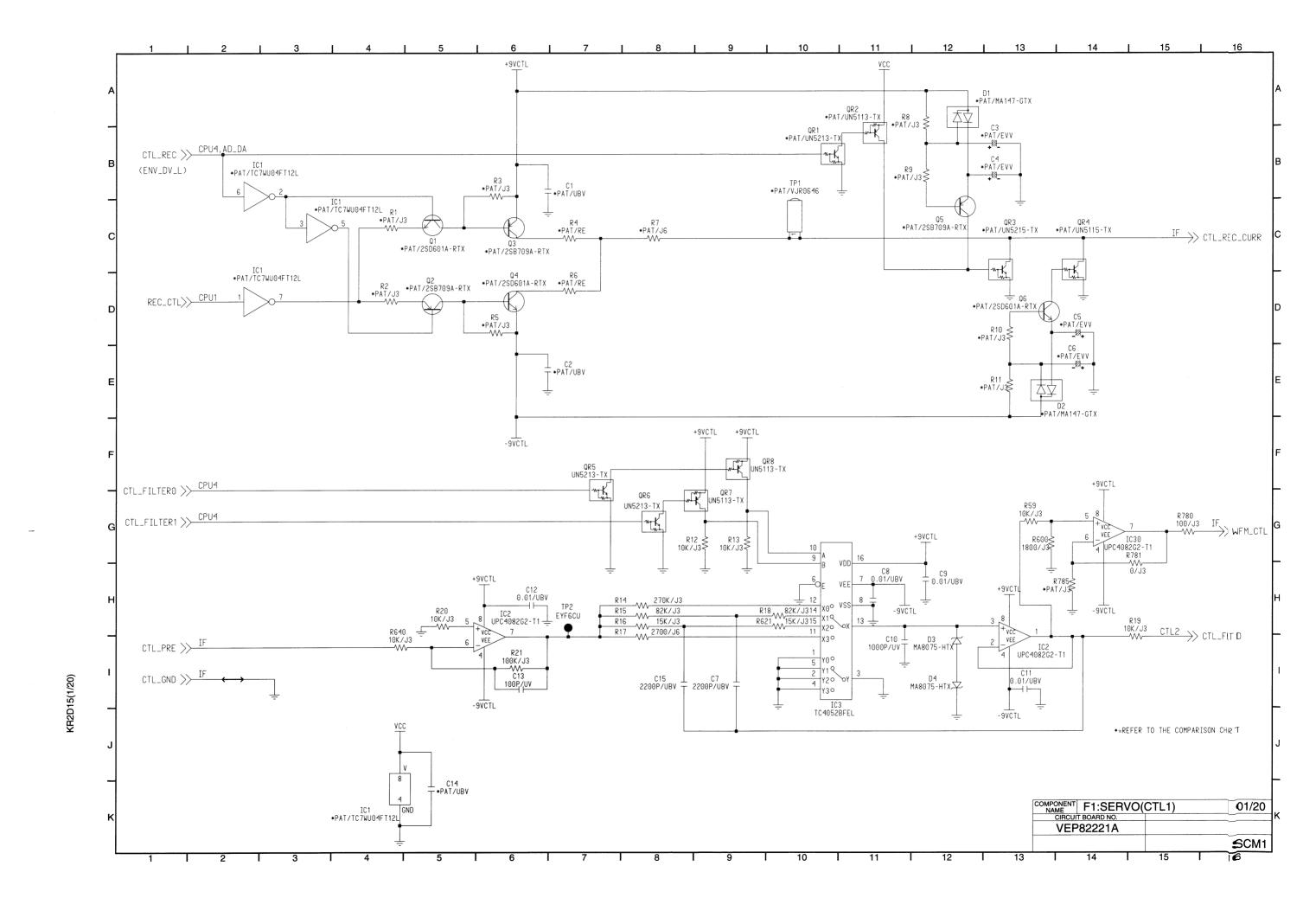
| F1: SERVO (1/20) CTL1 | SCM01 | F3: NON_TRK (14/31) FIFO_CTRL_DV_R | SCM47 |
|--------------------------------------|--------|-------------------------------------|-----------------|
| F1: SERVO (2/20) CTL2 | SCM02 | F3: NON_TRK (15/31) NTRK_CTRL | SCM48 |
| F1: SERVO (3/20) CTL3 | SCM03 | F3: NON_TRK (16/31) INPUT_BUF | SCM49 |
| F1: SERVO (4/20) CAP FG | SCM04 | F3: NON_TRK (17/31) OUTPUT_BUF | SCM50 |
| F1: SERVO (5/20) S FG | SCM05 | F3: NON_TRK (18/31) 24/25_MOD_L | SCM5 |
| F1: SERVO (6/20) T FG | .SCM06 | F3: NON_TRK (19/31) 24/25_MOD_R | SCM52 |
| F1: SERVO (7/20) AD DA | SCM07 | F3: NON_TRK (20/31) ECL_OUTBUF | SCM5 |
| F1: SERVO (8/20) CPU1 | .SCM08 | F3: NON_TRK (21/31) TRP_GEN | SCM54 |
| F1: SERVO (9/20) CPU2 | SCM09 | F3: NON_TRK (22/31) DV_UCOM_CON | SCM5 |
| F1: SERVO (10/20) CPU3 | .SCM10 | F3: NON_TRK (23/31) DV_UCOM_BUF. | SCM56 |
| F1: SERVO (11/20) CPU4 | .SCM11 | F3: NON_TRK (24/31) AV/DV_UCOM_I/F. | SCM57 |
| F1: SERVO (12/20) ATF1 | .SCM12 | F3: NON_TRK (25/31) DIF/DV_UCOM_I/F | SCM58 |
| F1: SERVO (13/20) ATF2 | .SCM13 | F3: NON_TRK (26/31) DIF_UCOM_I/F | SCM59 |
| F1: SERVO (14/20) ATF3 | .SCM14 | F3: NON_TRK (27/31) AV_UCOM_I/F | SCM60 |
| F1: SERVO (15/20) SW1 | .SCM15 | F3: NON_TRK (28/31) CLK_BUF | SCM61 |
| F1: SERVO (16/20) SW2 | .SCM16 | F3: NON_TRK (29/31) ENV_DET | SCM62 |
| F1: SERVO (17/20) CA CY DRY | .SCM17 | F3: NON_TRK (30/31) SYNC_COUNTER. | SCM63 |
| F1: SERVO (18/20) RL DRV | .SCM18 | F3: NON_TRK (31/31) POWER | SCM64 |
| F1: SERVO (19/20) POWER | .SCM19 | DV_UCOM (NON TRK) | SCM65 |
| F1: SERVO (20/20) IF | .SCM20 | F4: SDI_MAIN (1/22) MOTHER | .SCM66 |
| F2: SYSCON (1/13) MAIN | .SCM21 | F4: SDI_MAIN (2/22) S2P | .SCM67 |
| F2: SYSCON (2/13) MAIN | .SCM22 | F4: SDI_MAIN (3/22) DECODER | SCM68 |
| F2: SYSCON (3/13) MAIN | .SCM23 | F4: SDI_MAIN (4/22) ROUNDING | .SCM69 |
| F2: SYSCON (4/13) MAIN | .SCM24 | F4: SDI_MAIN (5/22) 411FILTER | .SCM70 |
| F2: SYSCON (5/13) MAIN | .SCM25 | F4: SDI_MAIN (6/22) DLYFIFO | .SCM71 |
| F2: SYSCON (6/13) I/F | .SCM26 | F4: SDI_MAIN (7/22) IN_BUFF | .SCM72 |
| F2: SYSCON (7/13) I/F | .SCM27 | F4: SDI_MAIN (8/22) DAC | .SCM73 |
| F2: SYSCON (8/13) I/F | .SCM28 | F4: SDI_MAIN (9/22) SLICER | .SCM74 |
| F2: SYSCON (9/13) I/F | .SCM29 | F4: SDI_MAIN (10/22) SLCR_CTL | .SCM75 |
| F2: SYSCON (10/13) AV I/F | .SCM30 | F4: SDI_MAIN (11/22) OUT_BUFF | .SCM76 |
| F2: SYSCON (11/13) AV I/F | .SCM31 | F4: SDI_MAIN (12/22) YC_MIX | .SCM77 |
| F2: SYSCON (12/13) AV I/F | .SCM32 | F4: SDI_MAIN (13/22) ENCODER | .SCM78 |
| F2: SYSCON (13/13) SYSCON | .SCM33 | F4: SDI_MAIN (14/22) CHAR_ADD | .SCM79 |
| F3: NON_TRK (1/31) MOTHER | .SCM34 | F4: SDI_MAIN (15/22) EDH_ADD | .SCM 8 0 |
| F3: NON_TRK (2/31) ECL_INBUF | .SCM35 | F4: SDI_MAIN (16/22) P2S-1 | .SCM 8 1 |
| F3: NON_TRK (3/31) | .SCM36 | F4: SDI_MAIN (17/22) P2S-2 | .SCM 8 2 |
| F3: NON_TRK (4/31) | SCM37 | F4: SDI_MAIN (18/22) SYS_IF | .SCM 2 3 |
| F3: NON_TRK (5/31) | SCM38 | F4: SDI_MAIN (19/22) SUB_CON-1 | .SCM 8 4 |
| F3: NON_TRK (6/31) | SCM39 | F4: SDI_MAIN (20/22) SUB_CON-2 | .SCM85 |
| F3: NON_TRK (7/31) | SCM40 | F4: SDI_MAIN (21/22) EDH_DELAY | SCM86 |
| F3: NON_TRK (8/31) | SCM41 | F4: SDI_MAIN (22/22) EE_THROUGH | .SCM87 |
| F3: NON_TRK (9/31) | SCM42 | F5: PB (1/17) CON | .SCM88 |
| F3: NON_TRK (10/31) | SCM43 | F5: PB (2/17) PP | .SCM89 |
| F3: NON_TRK (11/31) | SCM44 | F5: PB (3/17) MEM_PP | SCM90 |
| F3: NON_TRK (12/31) | SCM45 | F5: PB (4/17) CAS | SCM91 |
| EQ. NON TOK (19/91) EIEO CTDL DR D9/ | SCM16 | ES: DD /5/17\ ET1 | SCHOL |

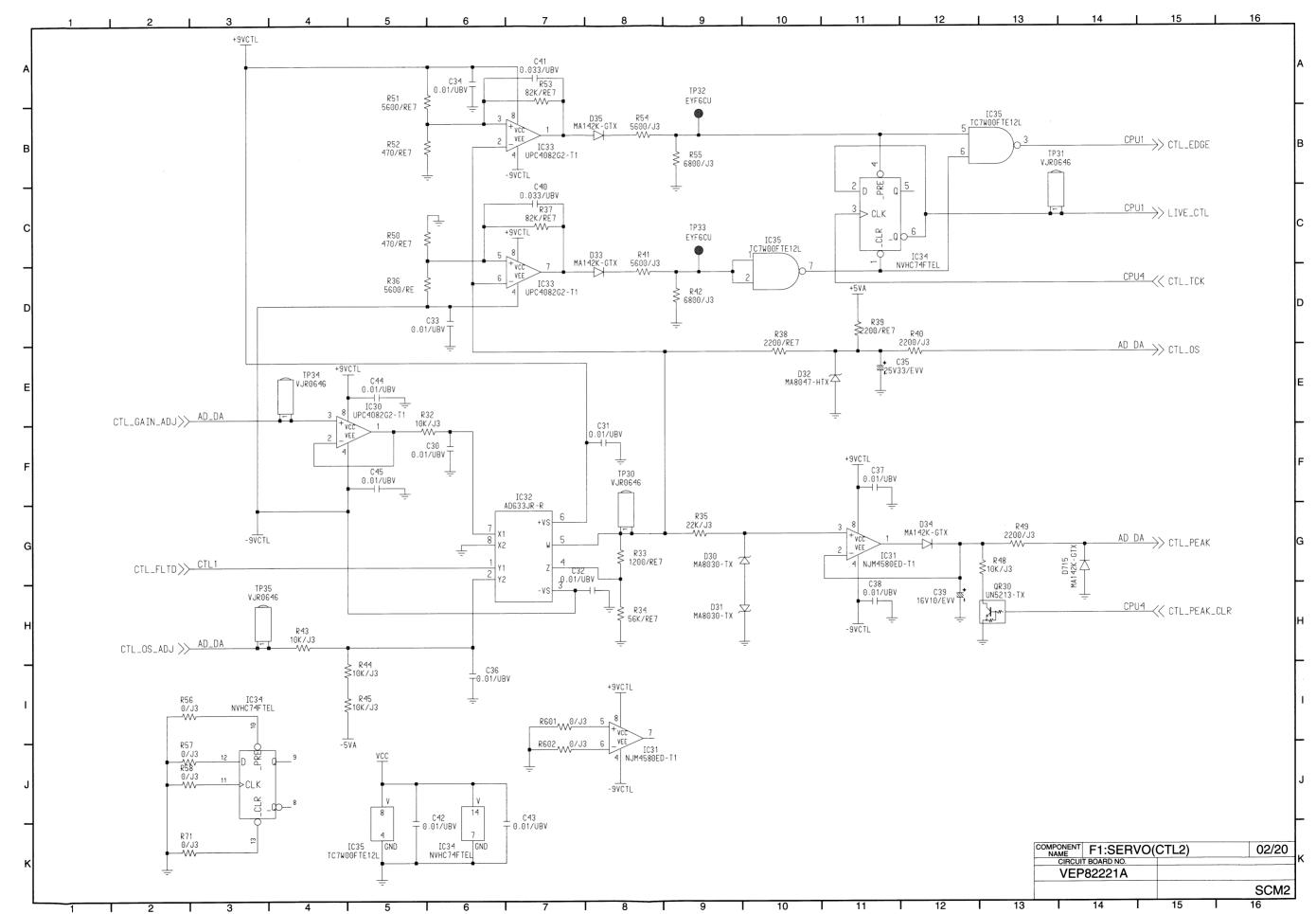
| F5: PB (6/17) EDA | | F6: V_OUT (31/44) SYS_H_SUB | |
|------------------------------------|--------|------------------------------------|--------|
| F5: PB (7/17) FT2 | SCM94 | F6: V_OUT (32/44) TRS_ADD1 | |
| F5: PB (8/17) IN_PLL | | F6: V_OUT (33/44) TCCLK2 | |
| F5: PB (9/17) M16 | SCM96 | F6: V_OUT (34/44) SYS_H_DA | |
| F5: PB (10/17) M16_BUF | SCM97 | F6: V_OUT (35/44) SYS_H_ENC1 | SCM145 |
| F5: PB (11/17) DPRAM | SCM98 | F6: V_OUT (36/44) SDI_SEL | |
| F5: PB (12/17) AV_IF | SCM99 | F6: V_OUT (37/44) D_OUT_BUFF | SCM147 |
| F5: PB (13/17) VDAT | SCM100 | F6: V_OUT (38/44) CLK_BUFF | SCM148 |
| F5: PB (14/17) V_BLK | SCM101 | F6: V_OUT (39/44) SYS_IF1 | SCM149 |
| F5: PB (15/17) UNLOCK | SCM102 | F6: V_OUT (40/44) TERMINATOR | SCM150 |
| F5: PB (16/17) PPLAY | SCM103 | F6: V_OUT (41/44) CMPOSITE_ENC2 | SCM151 |
| F5: PB (17/17) F420 | | F6: V_OUT (42/44) CMPSITE_WFM_BUFF | SCM152 |
| DV_UCOM (PB) (1/1) | | F6: V_OUT (43/44) REG2_1 | SCM153 |
| V_BLK (1/5) V_BLK_SUB (SHEET1) | SCM106 | F6: V_OUT (44/44) CFDET | SCM154 |
| V_BLK (2/5) V_BLK_SUB (SHEET2) | SCM107 | 4:2:2 DA SUB (1/12) 844_DA3 | SCM155 |
| V_BLK (3/5) VBLK | | 4:2:2 DA SUB (2/12) 422_DEC3 | SCM156 |
| V_BLK (4/5) PB_PLL | | 4:2:2 DA SUB (3/12) D_FIL3 | SCM157 |
| V_BLK (5/5) VITC & TEL_TXT | | 4:2:2 DA SUB (4/12) DA_CONV3 | SCM158 |
| F6: V_OUT (1/44) V_OUT (SHEET 1) | | 4:2:2 DA SUB (5/12) MATRIX3 | SCM159 |
| F6: V_OUT (2/44) V_OUT (SHEET 2) | SCM112 | 4:2:2 DA SUB (6/12) CMPNENT_BUFF3 | SCM160 |
| F6: V_OUT (3/44) V_OUT (SHEET 3) | | 4:2:2 DA SUB (7/12) REG3_3 | SCM161 |
| F6: V_OUT (4/44) V_OUT (SHEET 4) | | 4:2:2 DA SUB (8/12) INPUT_BUFF3 | SCM162 |
| F6: V_OUT (5/44) V_OUT (SHEET 5) | | 4:2:2 DA SUB (9/12) TIMING_CTL3 | SCM163 |
| F6: V_OUT (6/44) SYNC_GEN_LSI | | 4:2:2 DA SUB (10/12) IP_CONV3 | SCM164 |
| F6: V_OUT (7/44) SYNC_GEN_REF_PLL. | SCM117 | 4:2:2 DA SUB (11/12) ENV3 | SCM165 |
| F6: V_OUT (8/44) SYNC_GEN_SC_PLL | | 4:2:2 DA SUB (12/12) ENV3 | SCM166 |
| F6: V_OUT (9/44) SYNC_GEN_HLOCKPLL | SCM119 | F7: A_PROC (1/21) CONNECTOR | SCM167 |
| F6: V_OUT (10/44) REG1 | SCM120 | F7: A_PROC (2/21) IOB | SCM168 |
| F6: V_OUT (11/44) D_IN_BUF0 | | F7: A_PROC (3/21) SYSIO | SCM169 |
| F6: V_OUT (12/44) PWR_RESET | | F7: A_PROC (4/21) CLKBUF | SCM170 |
| F6: V_OUT (13/44) COMB | | F7: A_PROC (5/21) PLL | SCM171 |
| F6: V_OUT (14/44) DLY_FIFO | | F7: A_PROC (6/21) PLL2 | SCM172 |
| F6: V_OUT (15/44) TBC_LSI | SCM125 | F7: A_PROC (7/21) AIDLY | SCM173 |
| F6: V_OUT (16/44) TBC_FIFO | SCM126 | F7: A_PROC (8/21) FIFOCNT | SCM174 |
| F6: V_OUT (17/44) CLK_BUFF0 | | F7: A_PROC (9/21) IOCNT | SCM175 |
| F6: V_OUT (18/44) TBC_CTL1 | SCM128 | F7: A_PROC (10/21) SLOW1 | SCM176 |
| F6: V_OUT (19/44) PROC_CTL1 | SCM129 | F7: A_PROC (11/21) SLOW2 | SCM177 |
| F6: V_OUT (20/44) INT1 | SCM130 | F7: A_PROC (12/21) CNT1 | SCM178 |
| F6: V_OUT (21/44) VLP | SCM131 | F7: A_PROC (13/21) CNT2 | SCM179 |
| F6: V_OUT (22/44) INT_FIFO | SCM132 | F7: A_PROC (14/21) AMEM | SCM180 |
| F6: V_OUT (23/44) INT_CTL1 | | F7: A_PROC (15/21) REC_SRC | SCM181 |
| F6: V_OUT (24/44) INT_SEL | SCM134 | F7: A_PROC (16/21) TBCDLY | SCM182 |
| F6: V_OUT (25/44) PROC_MAIN | SCM135 | F7: A_PROC (17/21) DIF1 | SCM183 |
| F6: V_OUT (26/44) PROC_SUB | SCM136 | F7: A_PROC (18/21) DIF2 | SCM184 |
| F6: V_OUT (27/44) PROC_SEL | SCM137 | F7: A_PROC·(19/21) DIF3 | SCM185 |
| F6: V_OUT (28/44) PROC_SEL1 | SCM138 | F7: A_PROC (20/21) DIF-IC | SCM186 |
| F6: V_OUT (29/44) DOWN_CON | SCM139 | F7: A_PROC (21/21) DIFCON | |
| F6: V_OUT (30/44) SYS_H_MAIN | SCM140 | F8: A_ADDA (1/18) CH1_INPUT | SCM188 |
| | | | |

| F8: A_ADDA (2/18) CH2_INPUT | SCM189 |
|----------------------------------|--------|
| F8: A_ADDA (3/18) CH3_INPUT | SCM190 |
| F8: A_ADDA (4/18) CH4_INPUT | SCM191 |
| F8: A_ADDA (5/18) CH12_AD | SCM192 |
| F8: A_ADDA (6/18) CH34_AD | SCM193 |
| F8: A_ADDA (7/18) CH12_DA | SCM194 |
| F8: A_ADDA (8/18) CH34_DA | SCM195 |
| F8: A_ADDA (9/18) CH1_OUTPUT | SCM196 |
| F8: A_ADDA (10/18) CH2_OUTPUT | SCM197 |
| F8: A_ADDA (11/18) CH3_OUTPUT | SCM198 |
| F8: A_ADDA (12/18) CH4_OUTPUT | SCM199 |
| F8: A_ADDA (13/18) MONILR_DA | SCM200 |
| F8: A_ADDA (14/18) MONIL_OUTPUT | SCM201 |
| F8: A_ADDA (15/18) MONIR_OUTPUT. | SCM202 |
| F8: A_ADDA (16/18) HP_OUTPUT | SCM203 |
| F8: A_ADDA (17/18) P10 | SCM204 |
| F8: A_ADDA (18/18) CONNECTOR | SCM205 |
| H1: CUE (1/7) | SCM206 |
| H1: CUE (2/7) | SCM207 |
| H1: CUE (3/7) | SCM208 |
| H1: CUE (4/7) | SCM209 |
| H1: CUE (5/7) | SCM210 |
| H1: CUE (6/7) | SCM211 |
| H1: CUE (7/7) | SCM212 |
| H2/H3/H4: EQ (1/8) | SCM213 |
| H2/H3/H4: EQ (2/8) | SCM214 |
| H2/H3/H4: EQ (3/8) | |
| H2/H3/H4: EQ (4/8) | |
| H2/H3/H4: EQ (5/8) | |
| H2/H3/H4: EQ (6/8) | |
| H2/H3/H4: EQ (7/8) | |
| H2/H3/H4: EQ (8/8) | |
| HEAD_AMP (1/2) | |
| HEAD_AMP (2/2) | |
| MOTHER (1/13) | |
| MOTHER (2/13) | |
| MOTHER (3/13) | |
| MOTHER (4/13) | |
| MOTHER (5/13) | |
| MOTHER (6/13) | |
| MOTHER (7/13) | |
| MOTHER (8/13) | |
| MOTHER (9/13) | |
| MOTHER (10/13) | |
| MOTHER (11/13) | |
| MOTHER (12/13) | |
| MOTHER (13/13) | |
| V/S_JACK (1/4) | SCM236 |

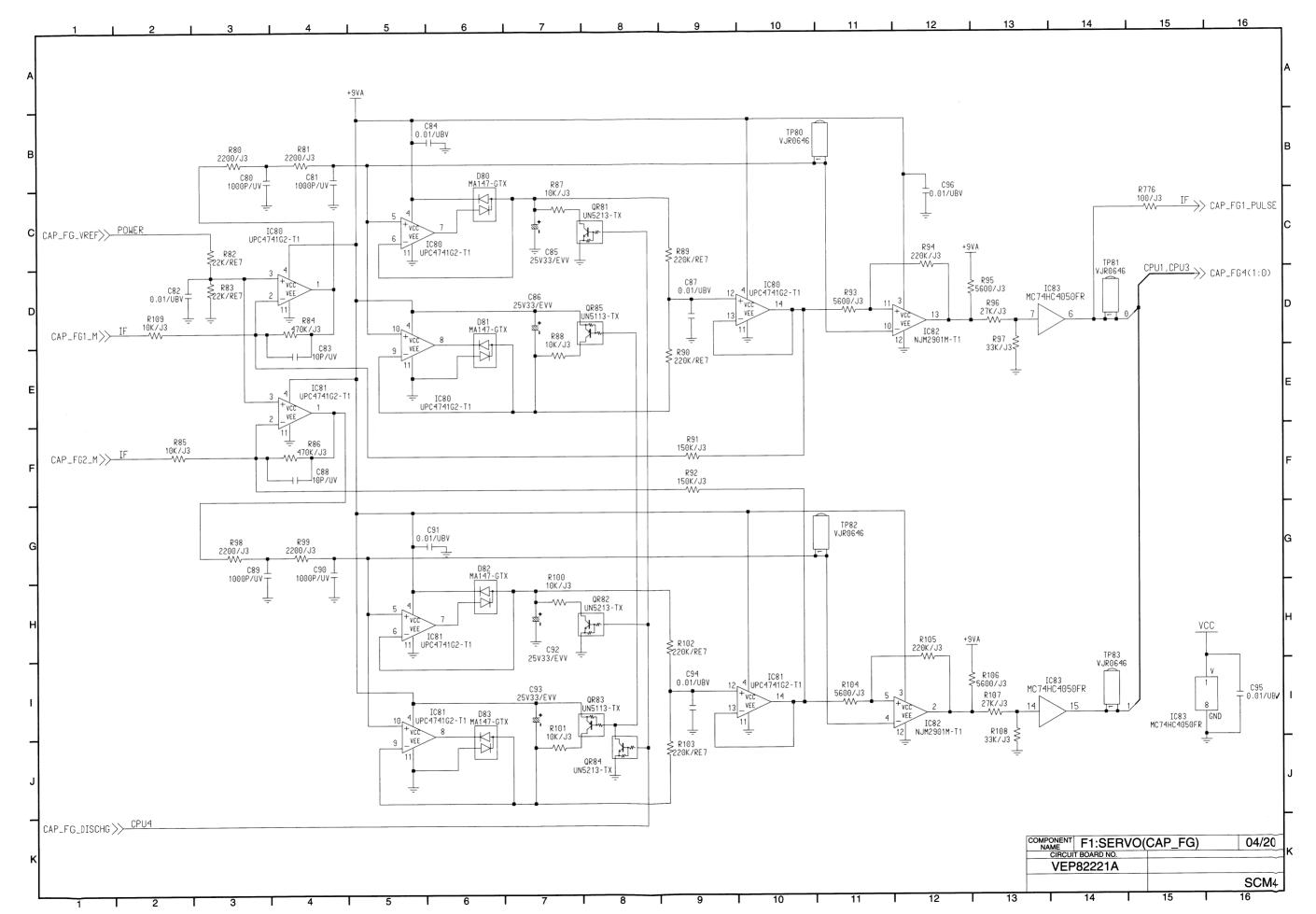
|) | V/S_JACK (2/4) | SCM237 |
|----------|---------------------------|--------|
|) | V/S_JACK (3/4) | SCM238 |
| | V/S_JACK (4/4) | SCM239 |
| <u>.</u> | POWER_1 (1/1) | SCM240 |
| } | POWER_2 (1/2) | SCM241 |
| | POWER_2 (2/2) | SCM242 |
| , | MECHA_I/F (1/4) | SCM243 |
| ; | MECHA_I/F (2/4) | SCM244 |
| , | MECHA_I/F (3/4) | SCM245 |
| } | MECHA_I/F (4/4) | SCM246 |
|) | CARRIGE (1/1) | SCM247 |
| ı | AUDIO_JACK (1/1) | SCM248 |
| | AES/EBU (1/1) | SCM249 |
| • | UP_FRONT_1 (1/1) | SCM250 |
| | FRONT CPU (1/4) CPU | SCM251 |
| | FRONT CPU (2/4) P10 | SCM252 |
| | FRONT CPU (3/4) DIAL/AD | SCM253 |
| | FRONT CPU (4/4) CONNECTOR | |
| | FRONT CPU SUB (1/1) | SCM255 |
| | FRONT_SW (1/4) CONTROL | SCM256 |
| | FRONT_SW (2/4) LED | |
| | FRONT_SW (3/4) SW | SCM258 |
| | FRONT_SW (4/4) VFD | SCM259 |
| | FRONT VP2 (1/1) | COMORO |

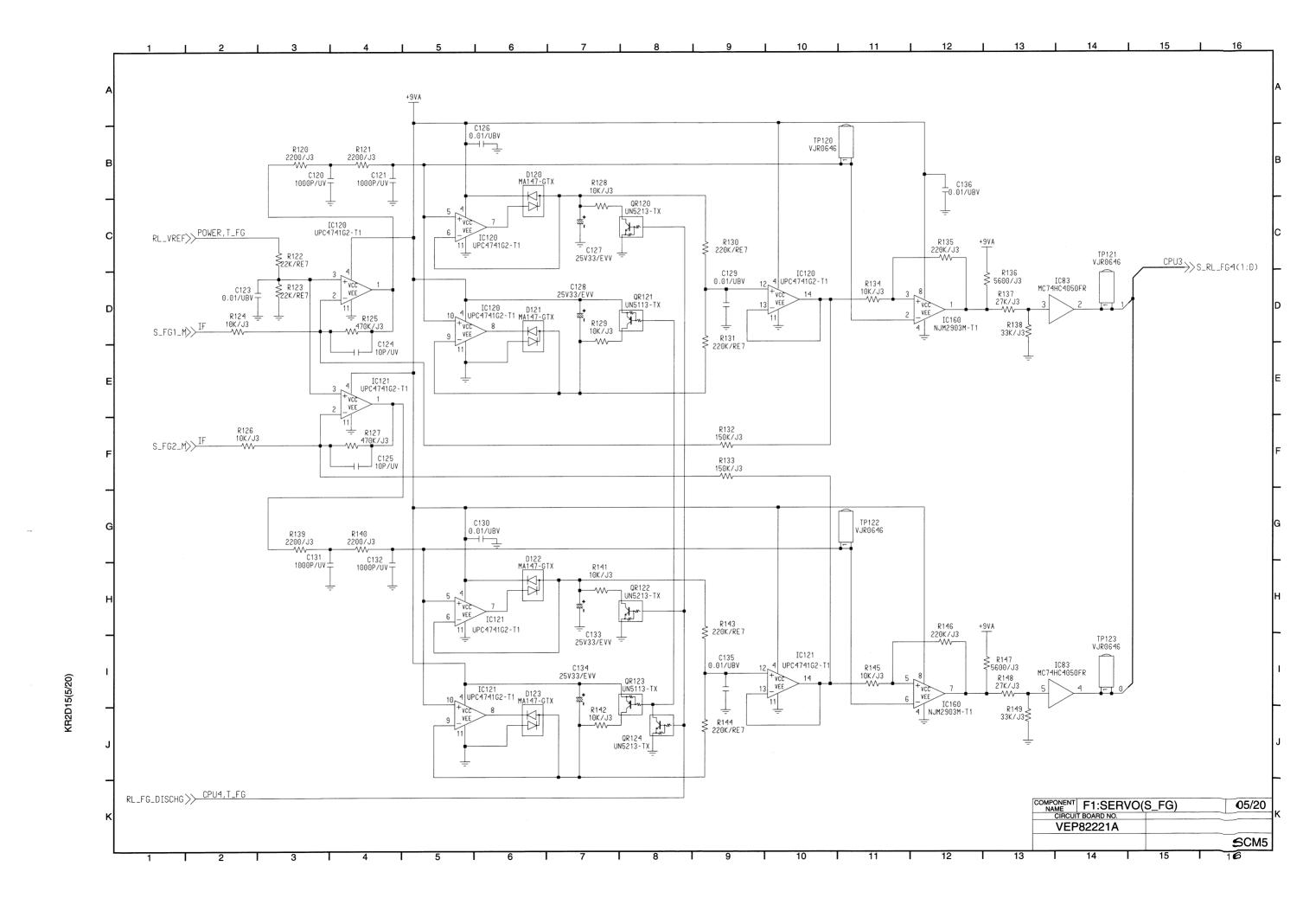


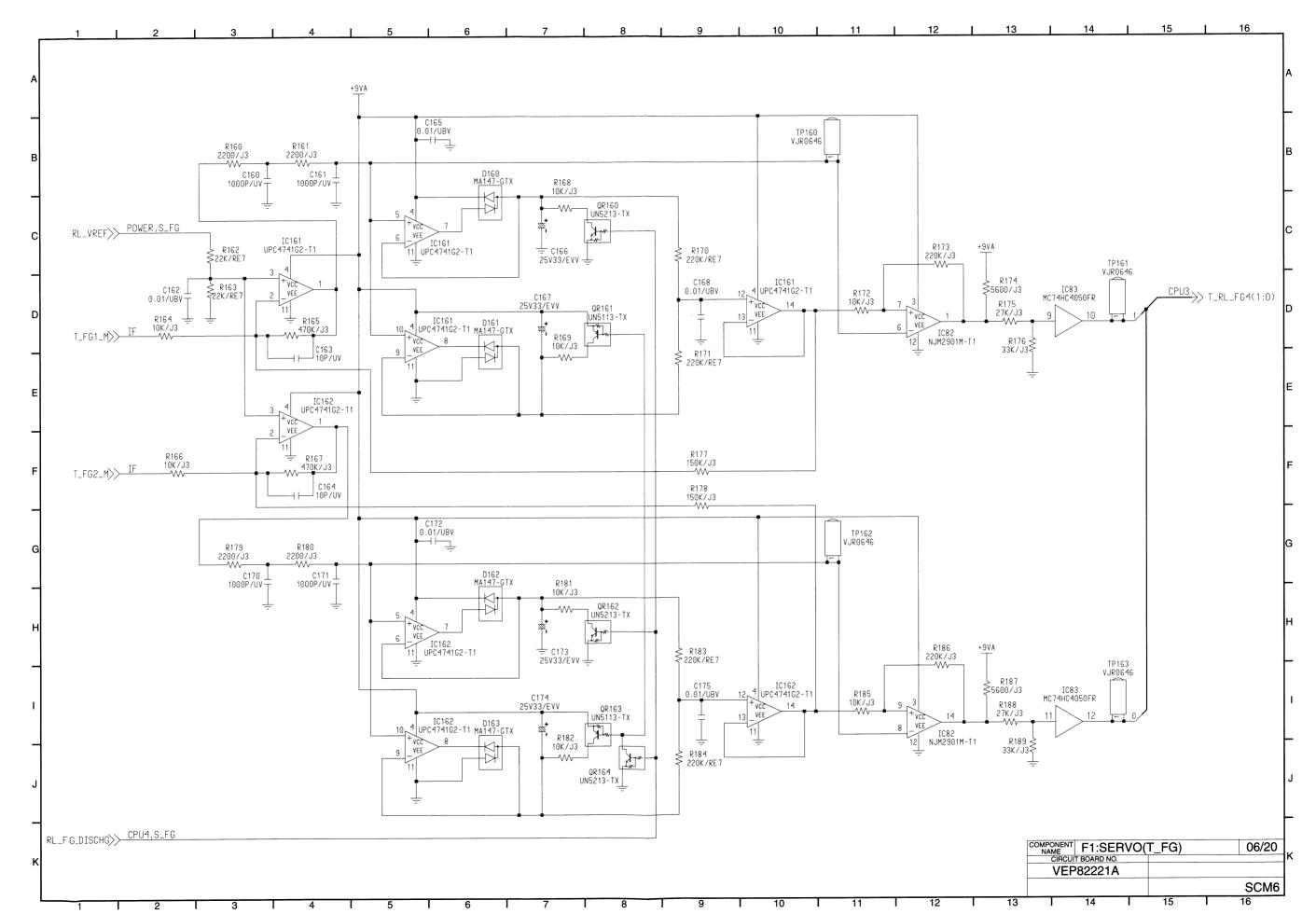


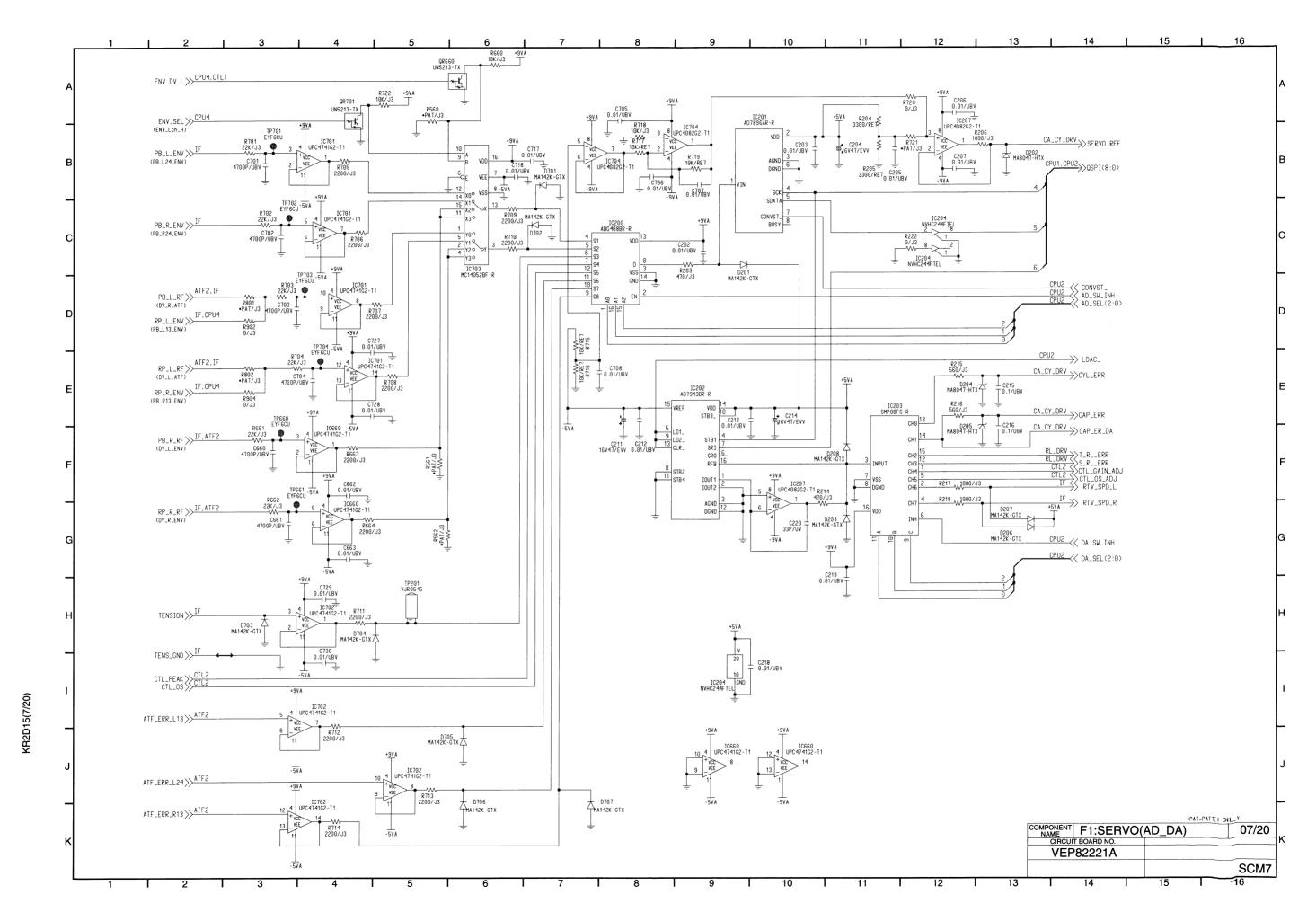


KR2D15(3/2

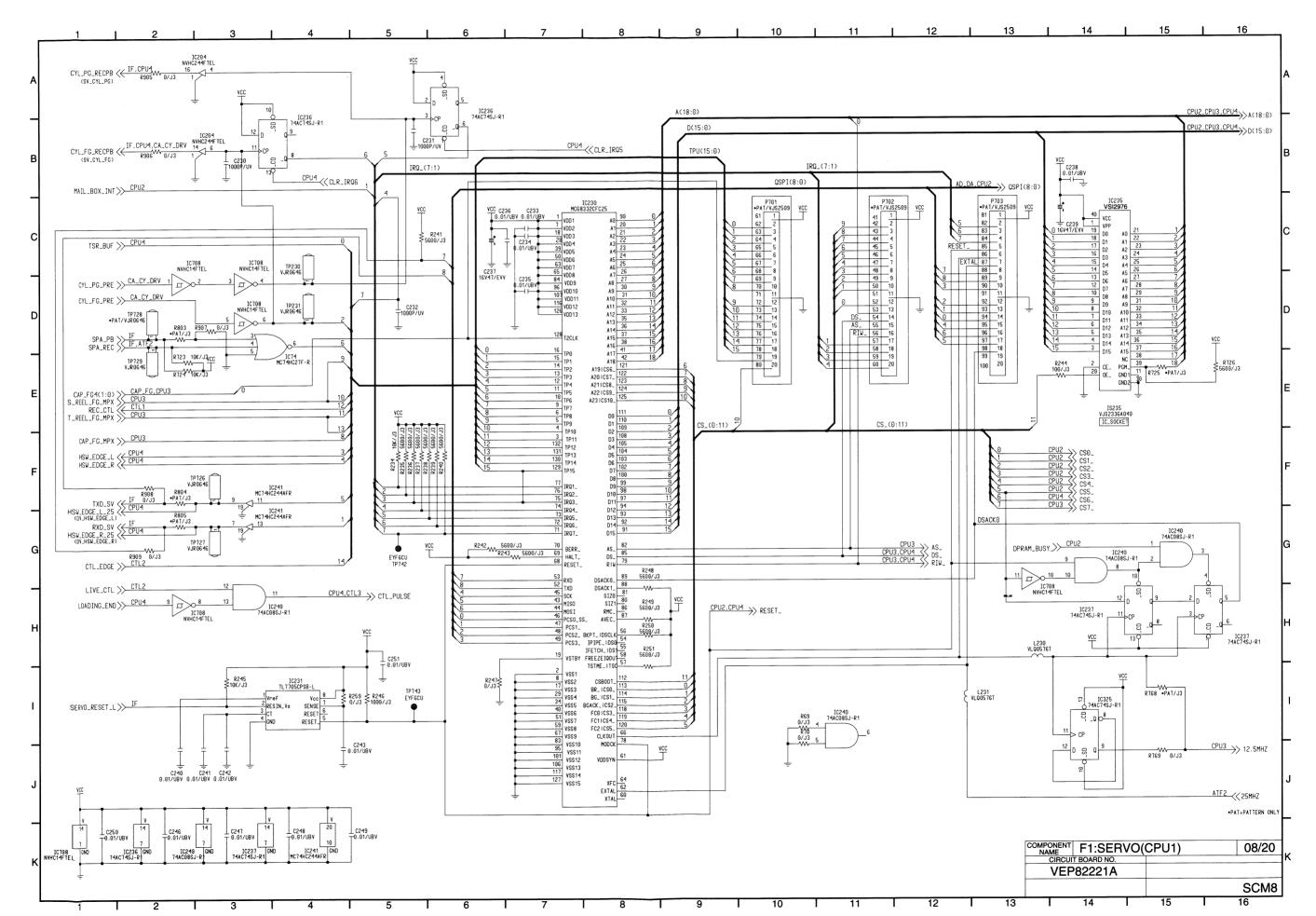


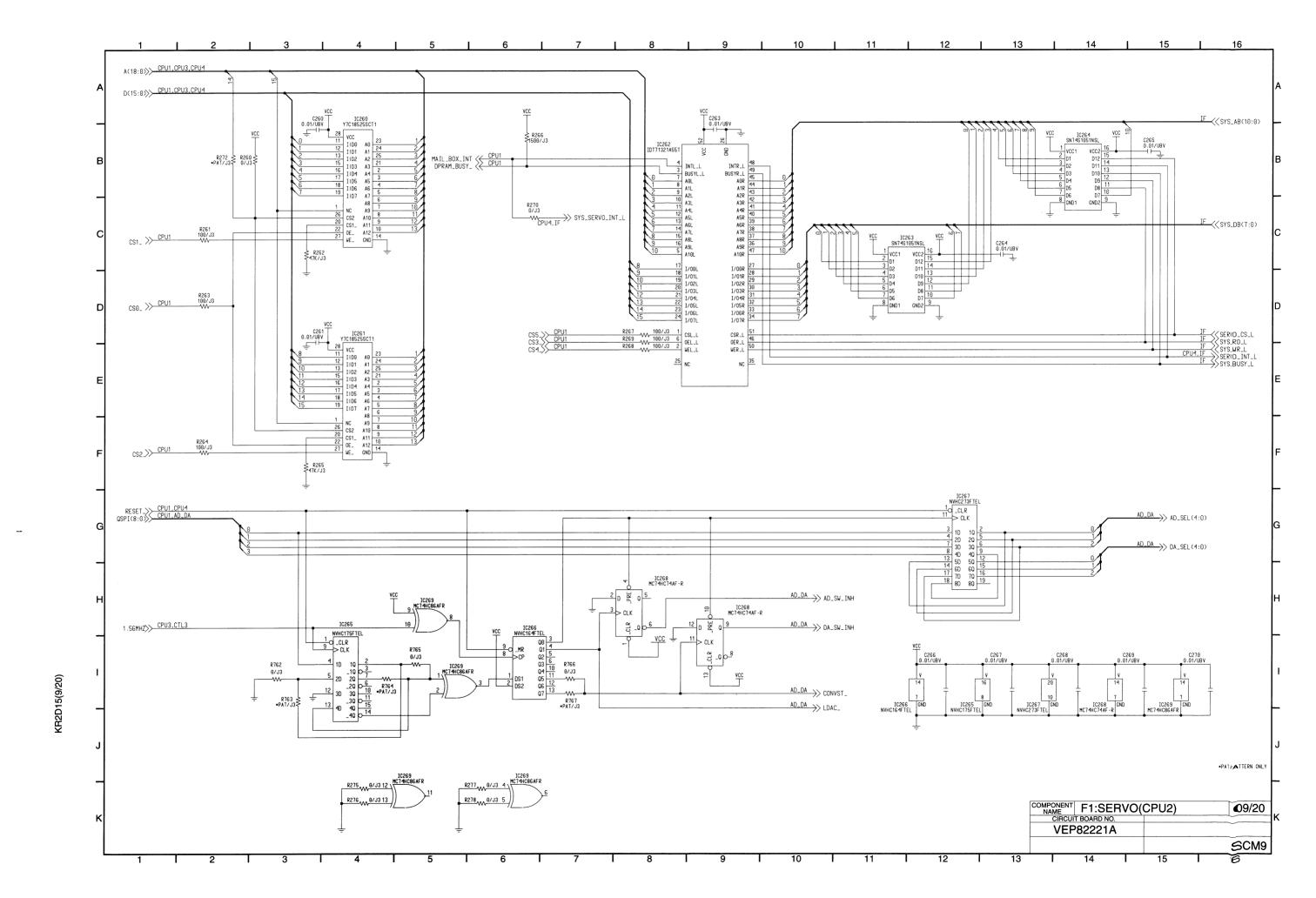


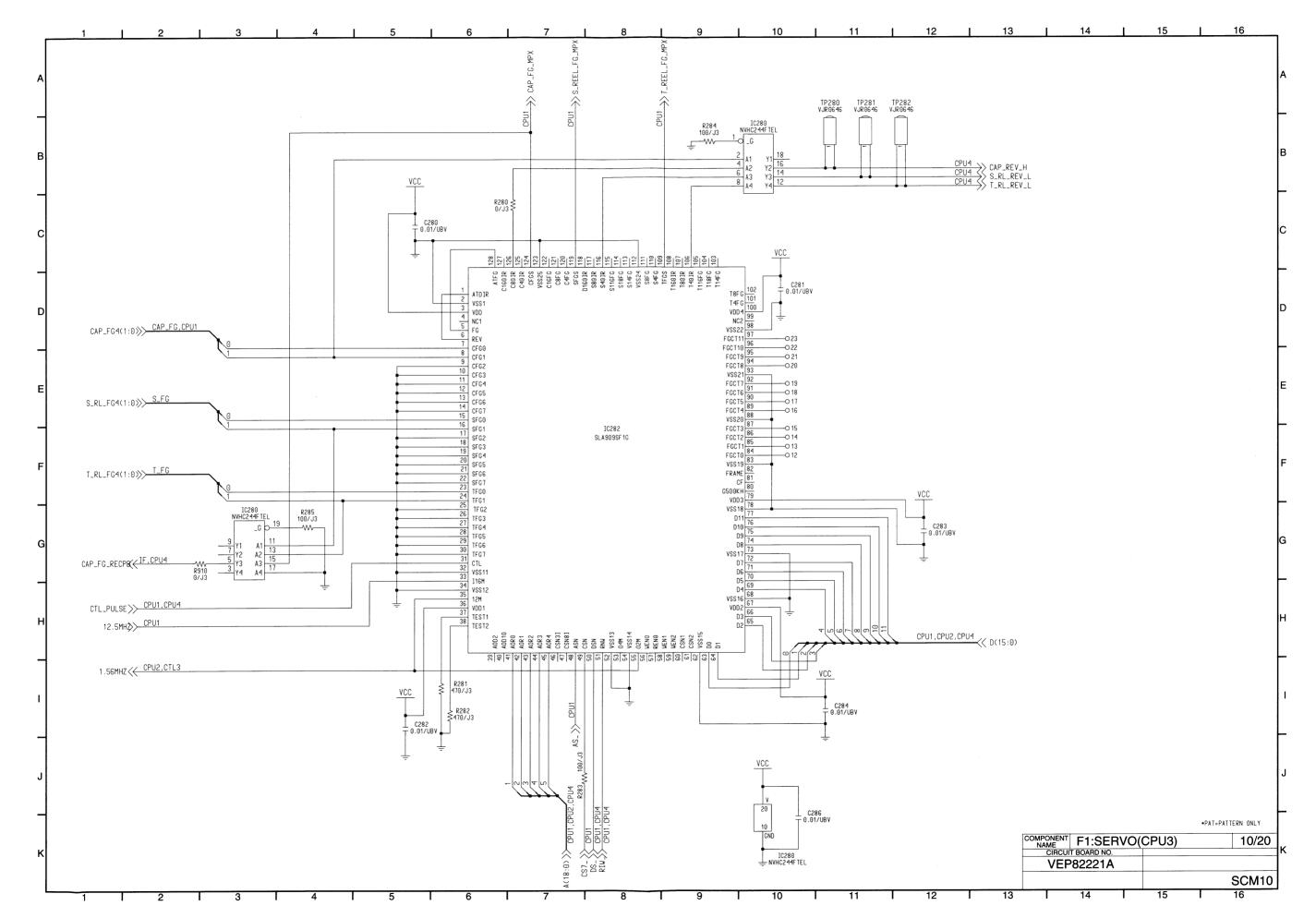




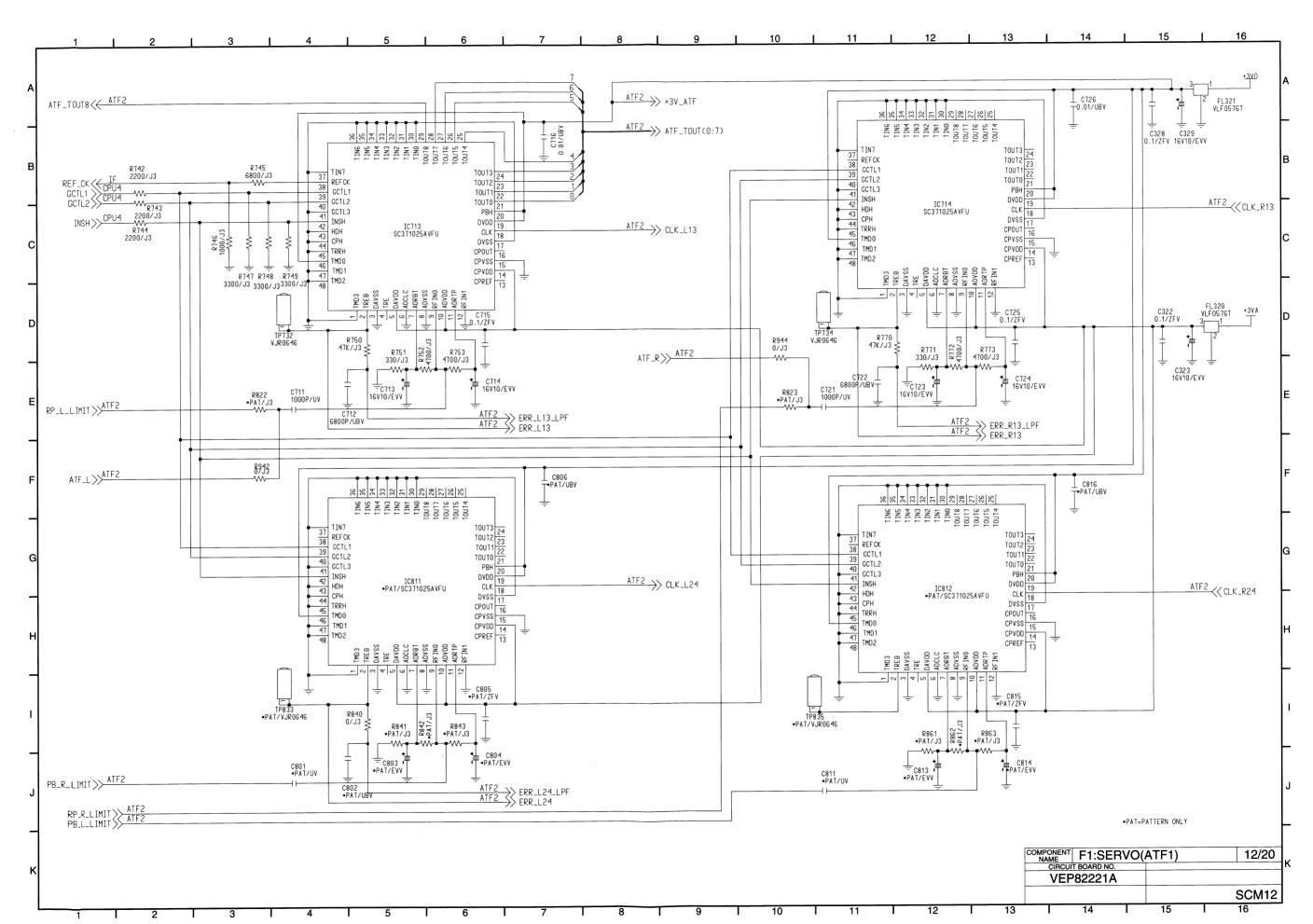
--

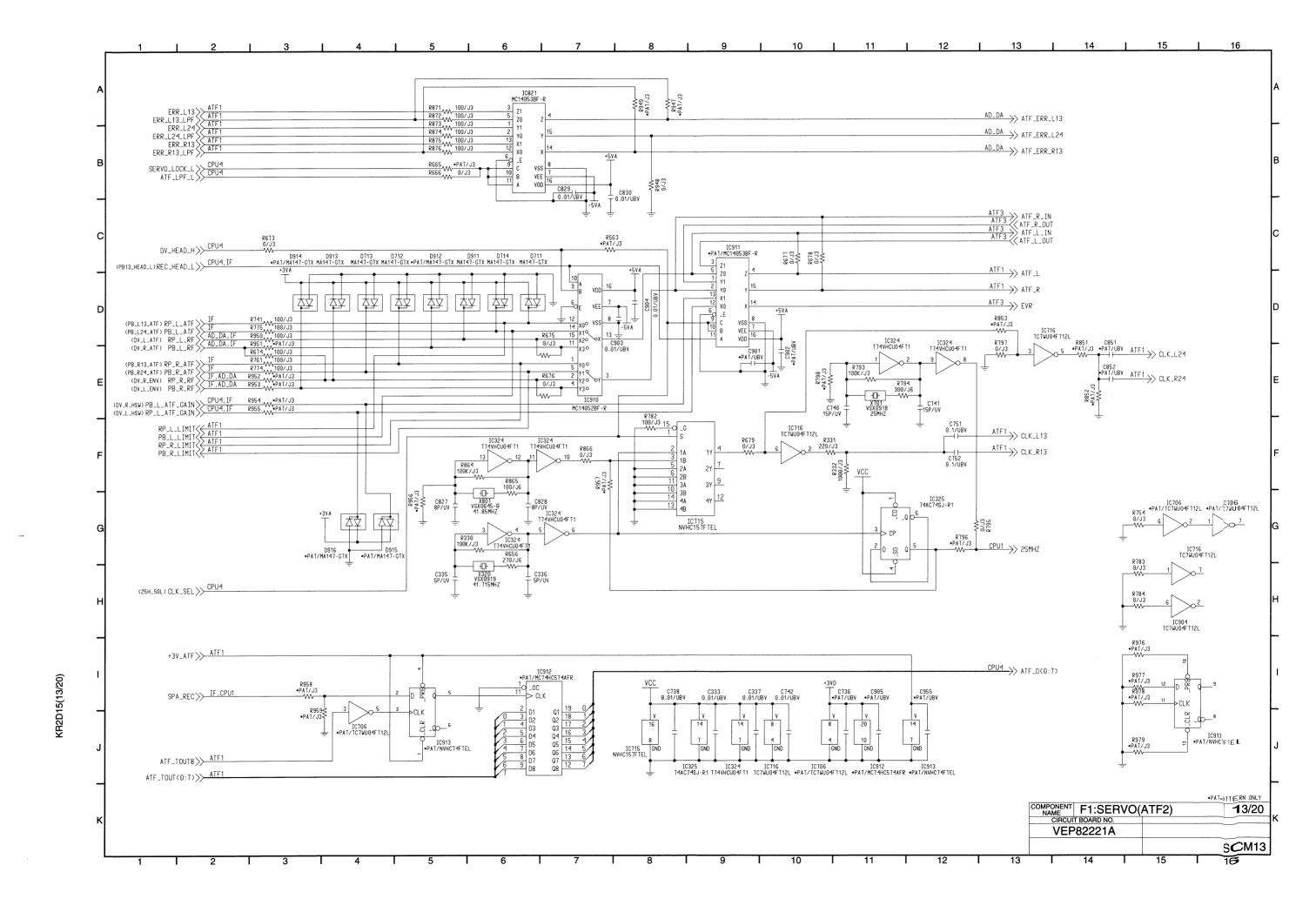


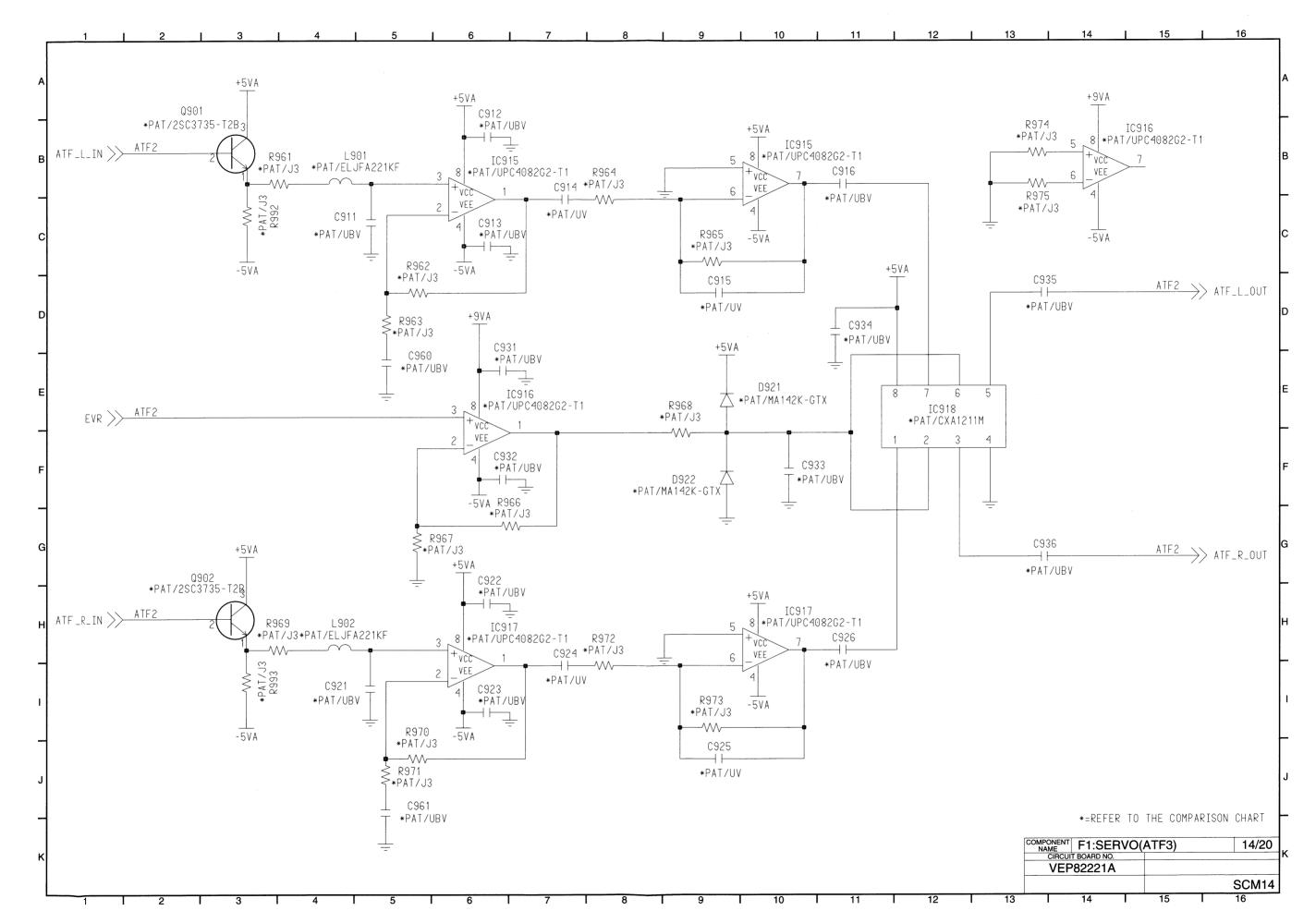


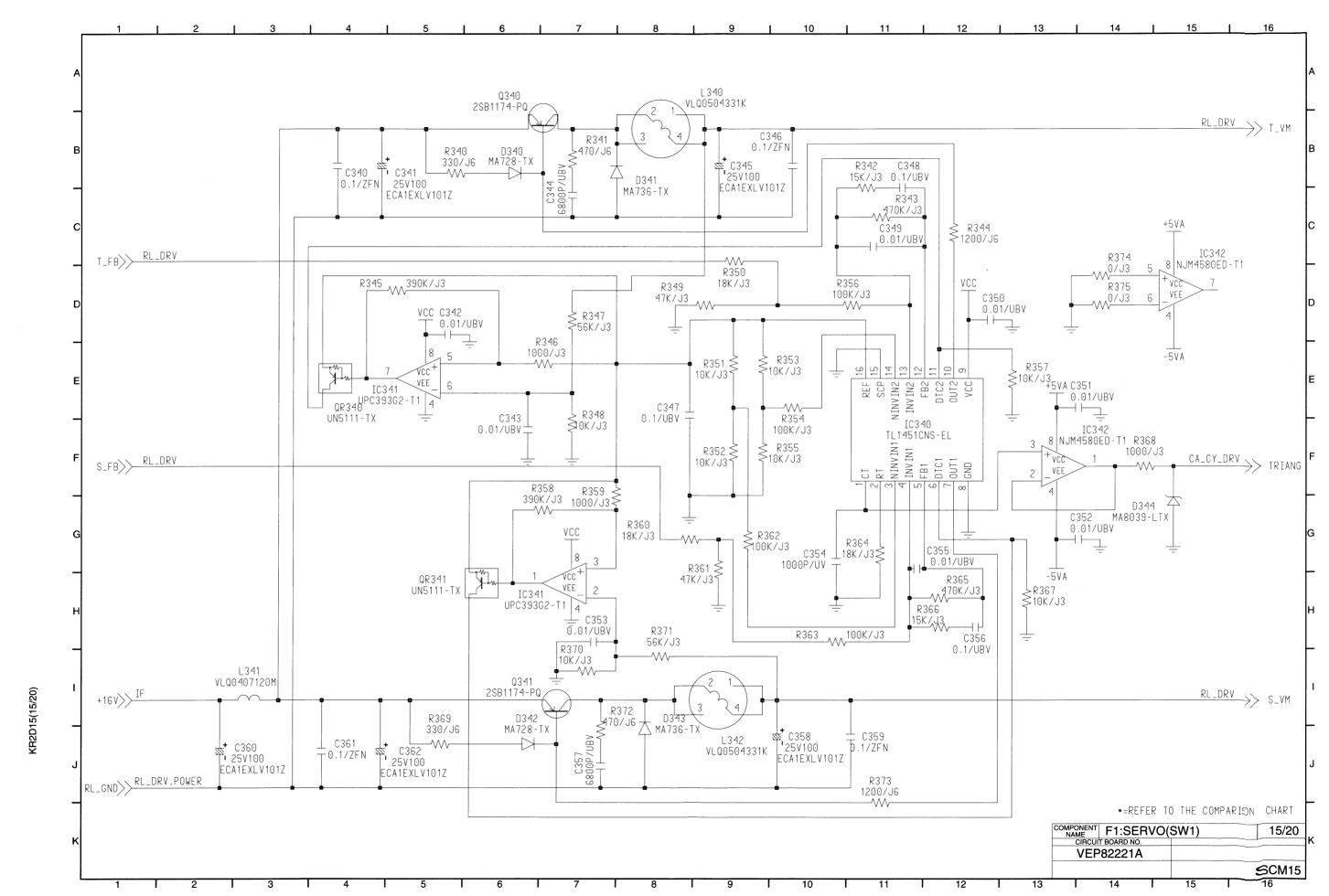








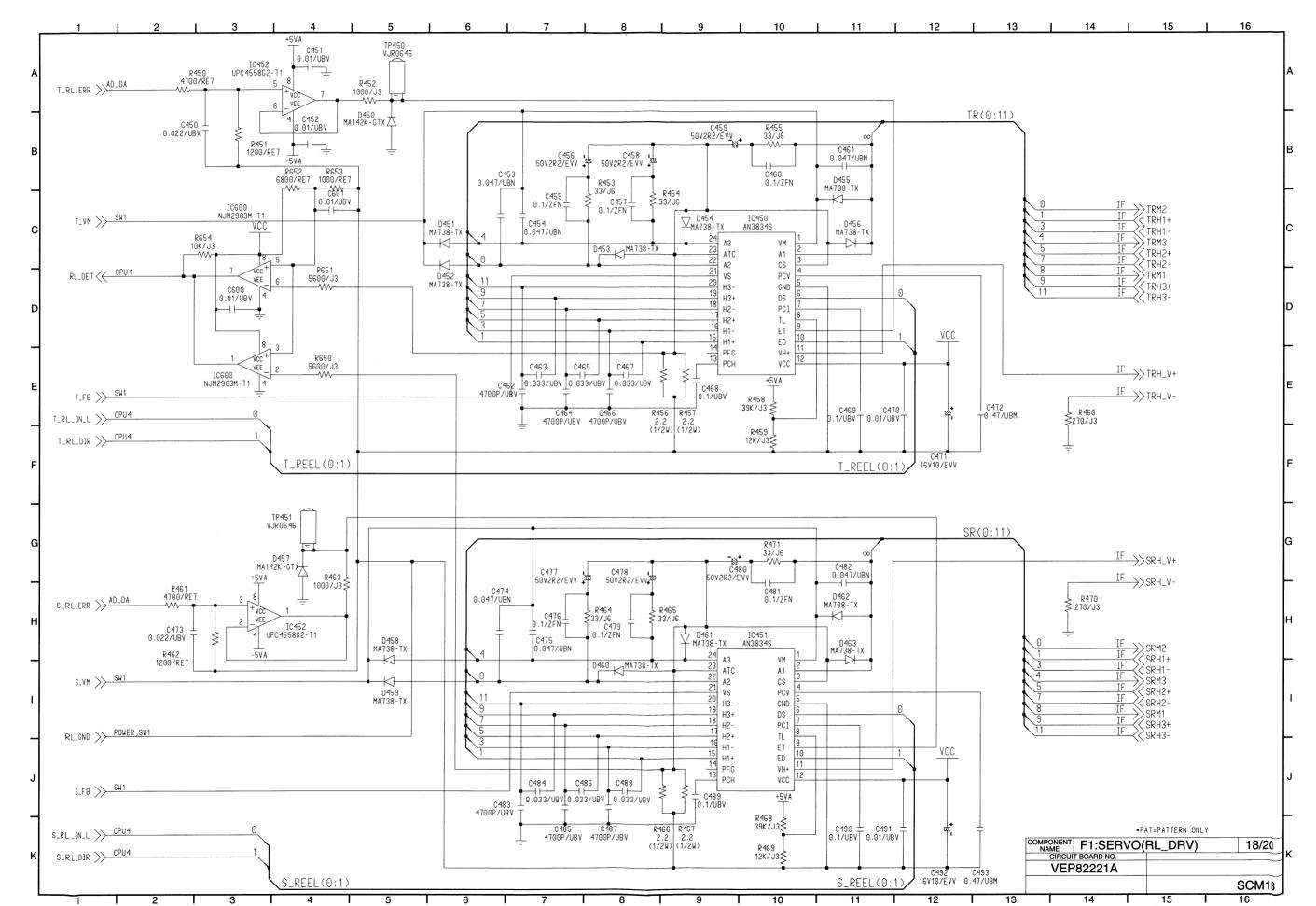


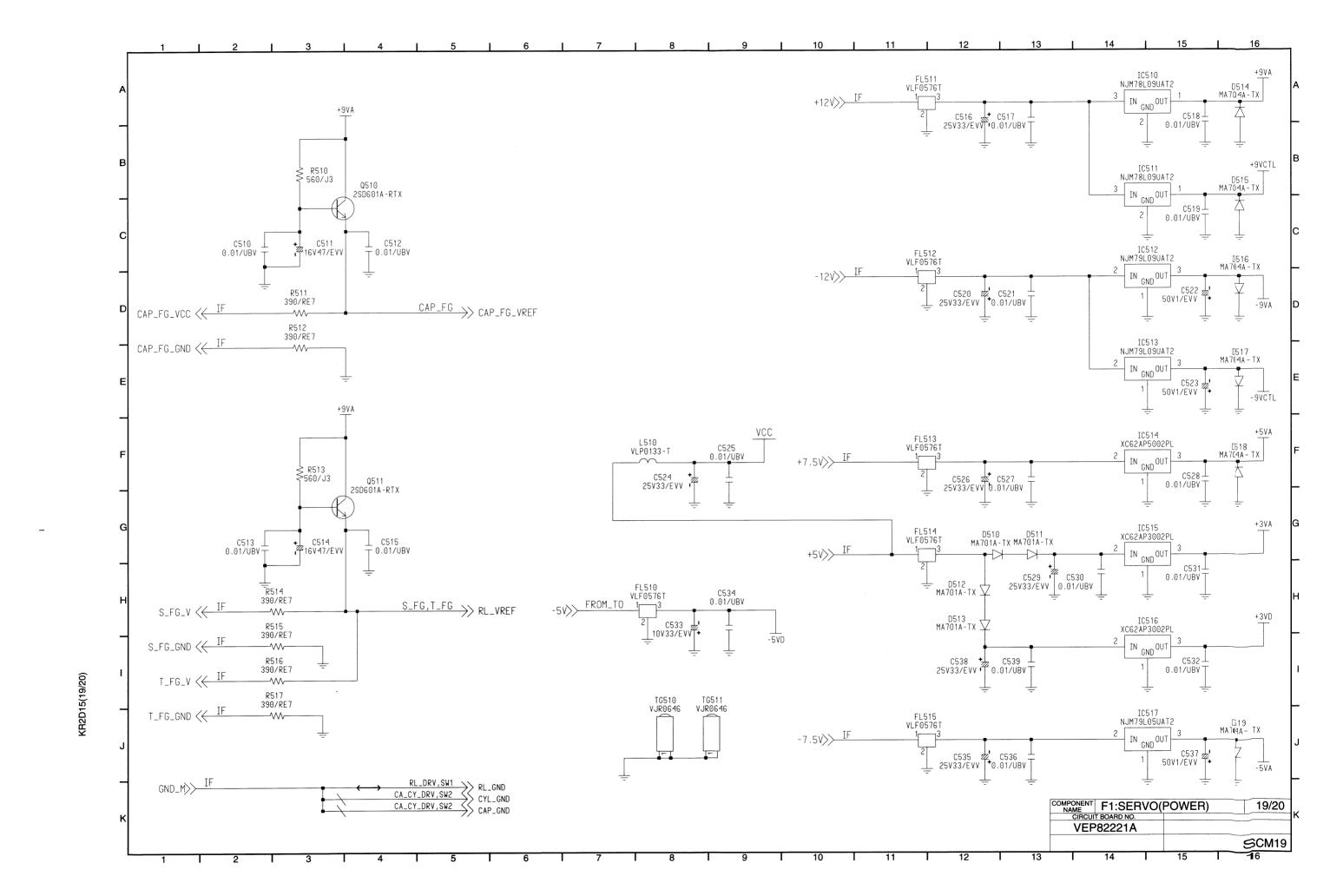


-

C408 0.01/UBV ₹R436 0/J3 CYLH_V+>> IF -R-IC400 AN3890FBS CPU1 >> CYL_FG_PRE CYLH1 - IF
CYLH2 - IF
CYLH2 + IF
CYLH3 - IF CYL_FG+>><u>IF</u> IC402 NJM4580ED-T SW2 -<< CYL_VM NC H3+ PCH R/S/F a1-a3-a3+ a2+ C412 C744 0.22/ZFV 0.22/ZFV CYLH3+>> IF C404 0.1/UBV C418 T 0.01/UBV CYLH_V->> IF 0400 A X X 1 0400 A X X 1 0400 A X X X 1 0400 CYL_GND>> SW2,POWER CPU1 >>> CYL_PG_PRE CYL_PG+>> IF IF >>> CYL_M1 IC404 NJM4580ED-T1 _ C409 __0.1/UBV C410 C411 T0.1/UBV T0.1/UBV <u>IF</u>→>> CYL_M3 TP741 EYF6CU ±C417 0.1/UBV R418 22K/RE7≷ MA 100 MA CAP_ER_DA>> AD_DA CYL_PF_GND << IF ________ C943 0.01/UBV IC921 4 UPC 4741G2 - T1 R426 R427
33K/RE7 W 2200/RE7 1 C944 0.01/UBV -9VA R985 C429 0.1/UBV CAP_ERR>> AD_DA ≹R437 0/J3 CYL_ON_H>>> CPU4 C947 0.01/UBV C946 CAH_V+>> IF VCC ECR EC TL TL CS CS CS CS NC PCS 17 C4316 FC 15 M1 14 SW2 >> CAP_SW C425 0.01/UBV SW2 << CAP_VM IC921 4 UPC 4741G2 - T1 CYL_FG_RECPB >> CPU1,CPU4,IF_
(SV_CYL_FG) NC H3+ PCH R/S/F n1-n2-n3+ CAH3+>> IF C428 0.1/UBV MA738-1X MA738-1X MA738-1X MA738-1X CAH_V->> IF KR2D15(17/20) CAP_GND>> SW2,POWER Q402 PU3210 CAP_DIR_1>> CPU4 ☐ C432 ☐ 0.1/UBV CAP_DIR_2>> CPU4 C433 C434 T0.1/UBV T0.1/UBV •PAT=PA'ERN ONLY COMPONENT F1:SERVO(CA_CY_DRY) 17/20
CIRCUIT BOARD NO.
VEP82221A (1/20) (1/20) **s** CM17

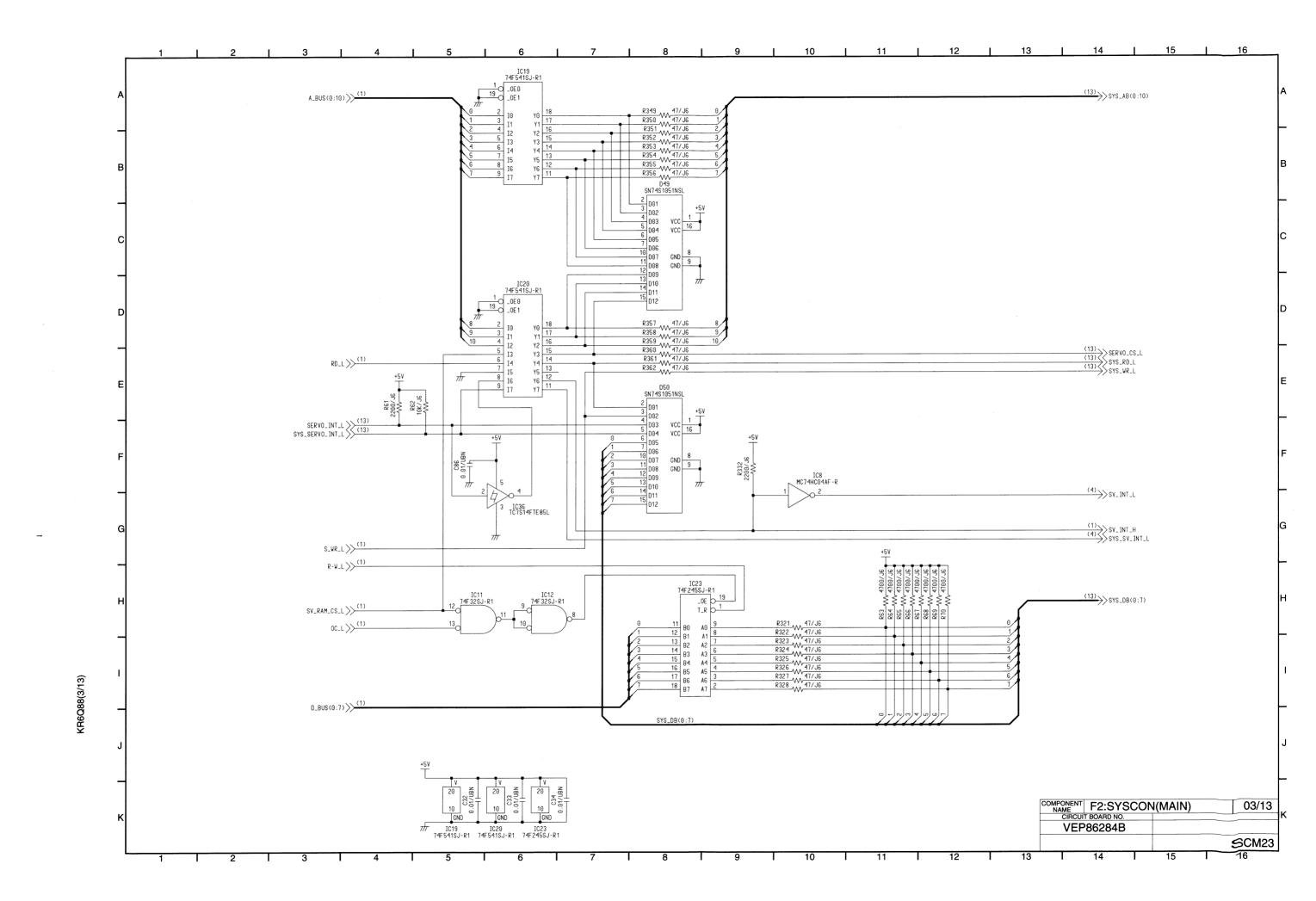
ornate.

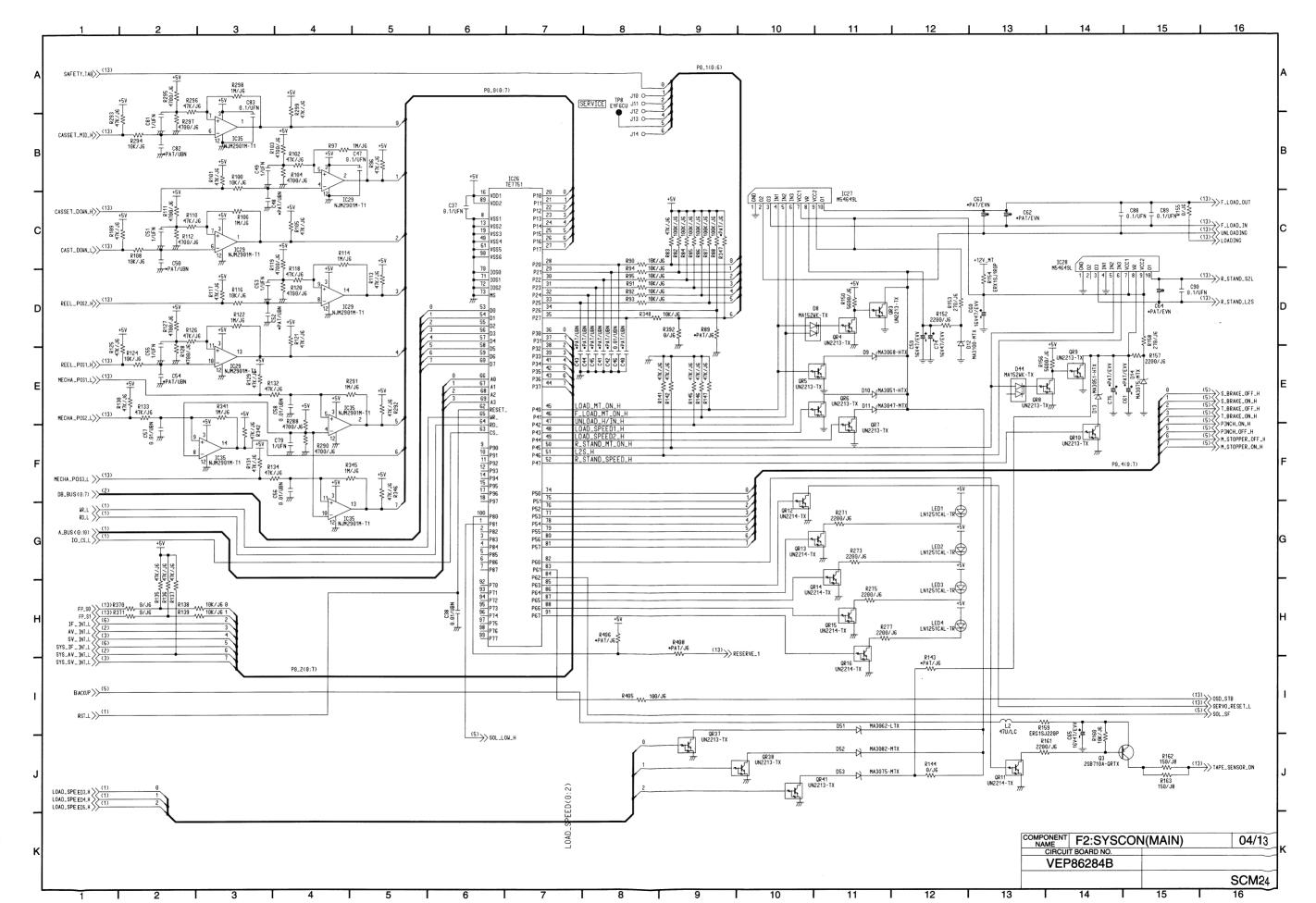




KR2D15(20/20

KR6088/2/12





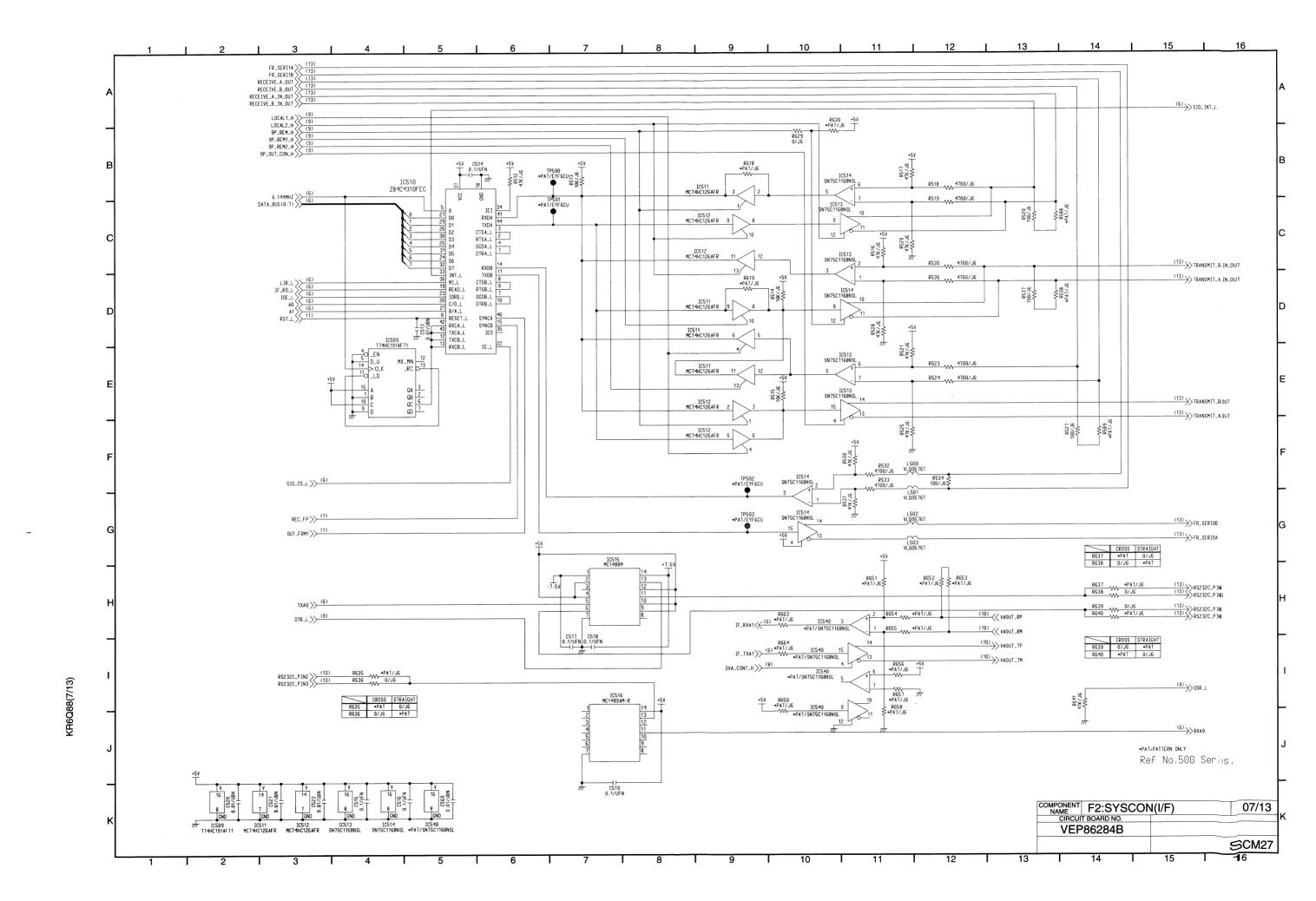
-

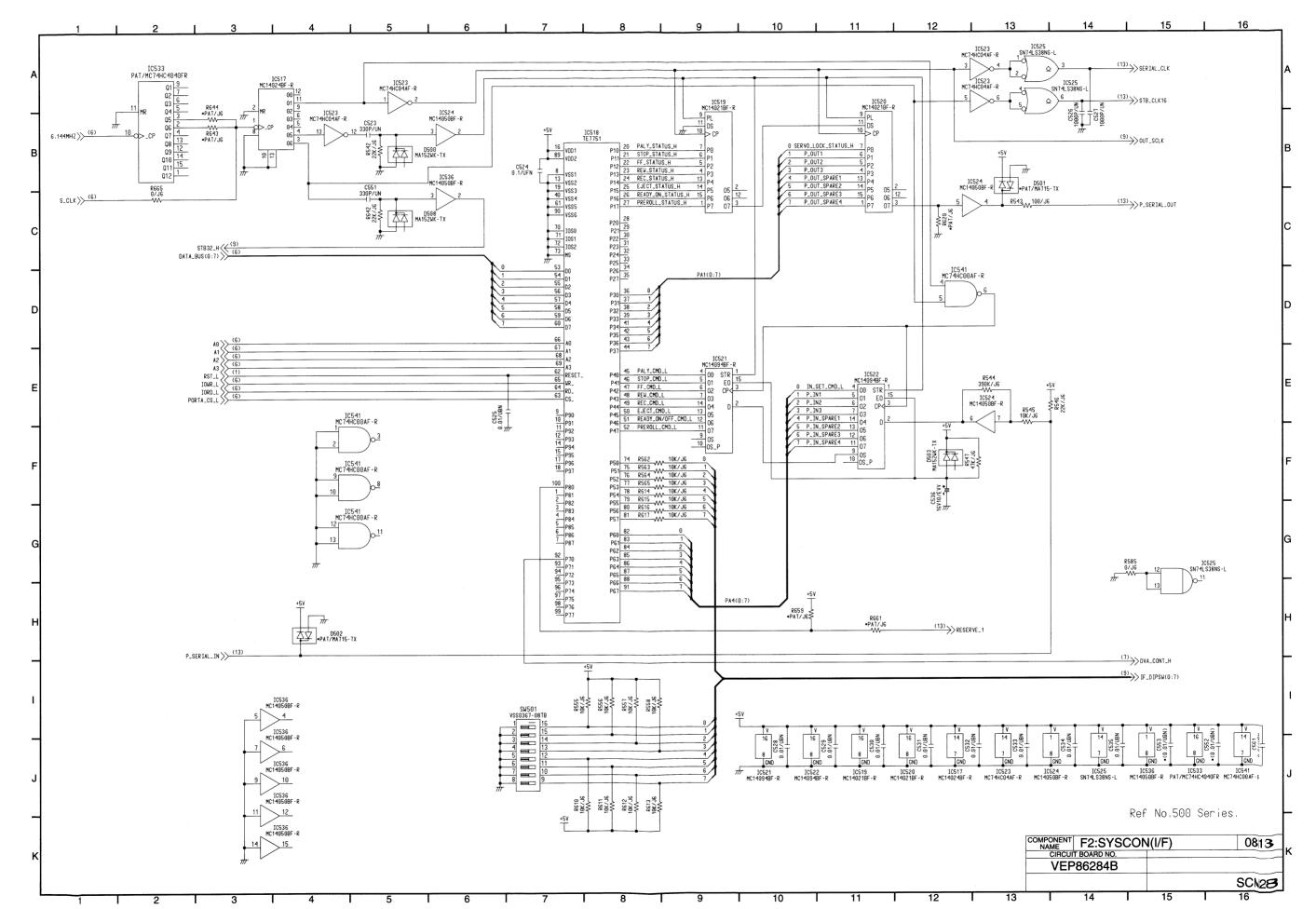
10 | 11 | 12 |

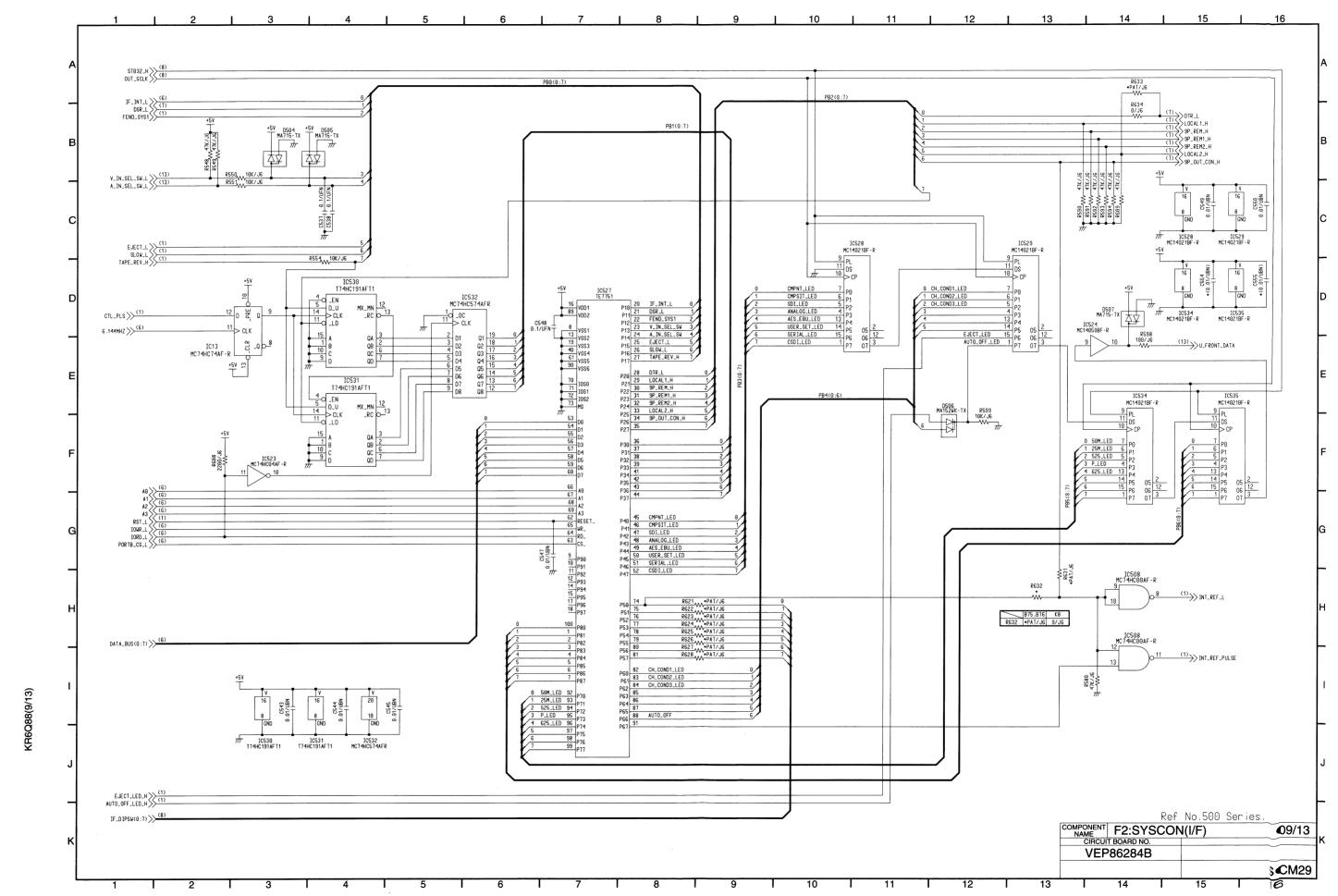
13

14

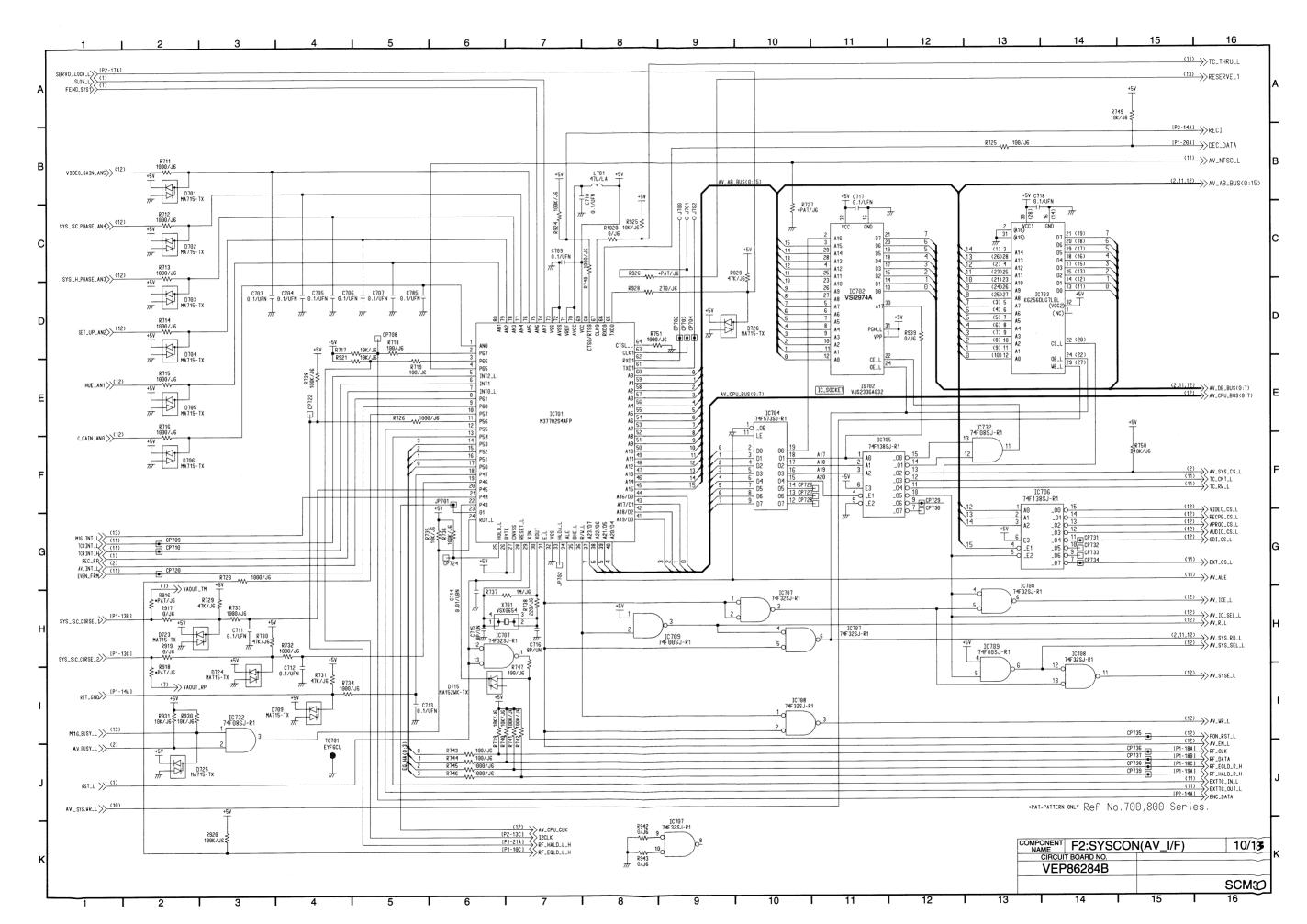
REC/88/6/13)

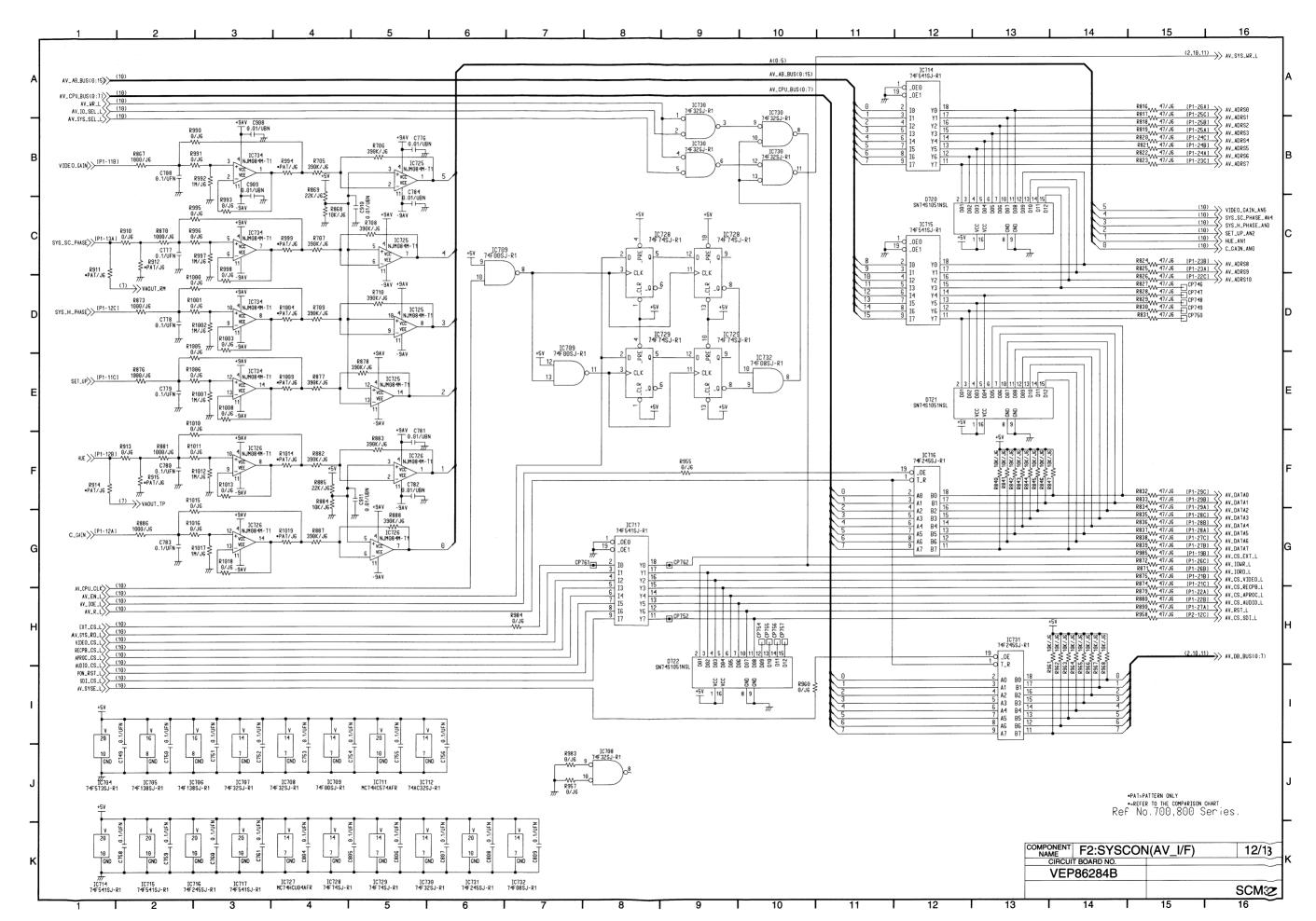


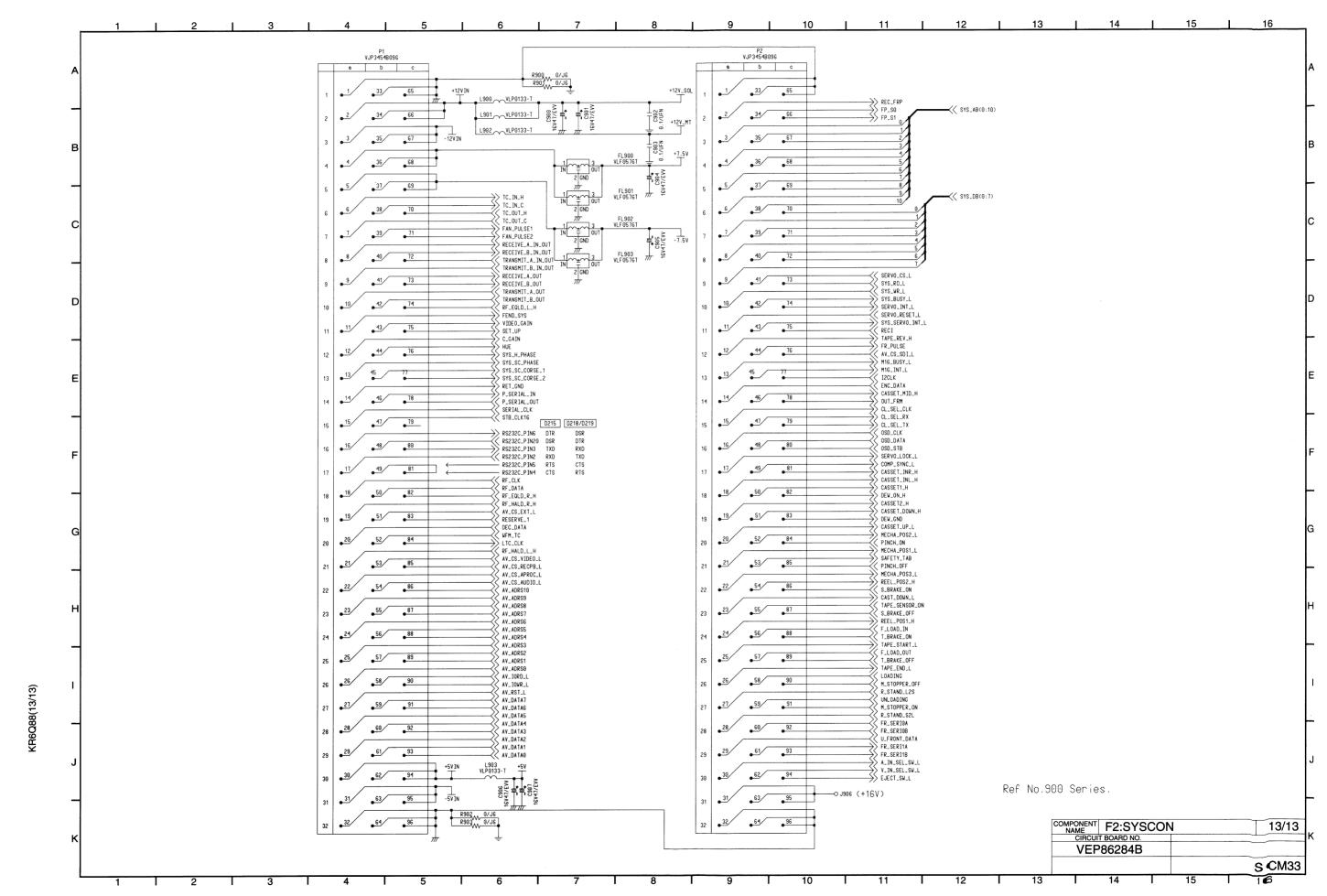




_







_

9

8

4

5

10

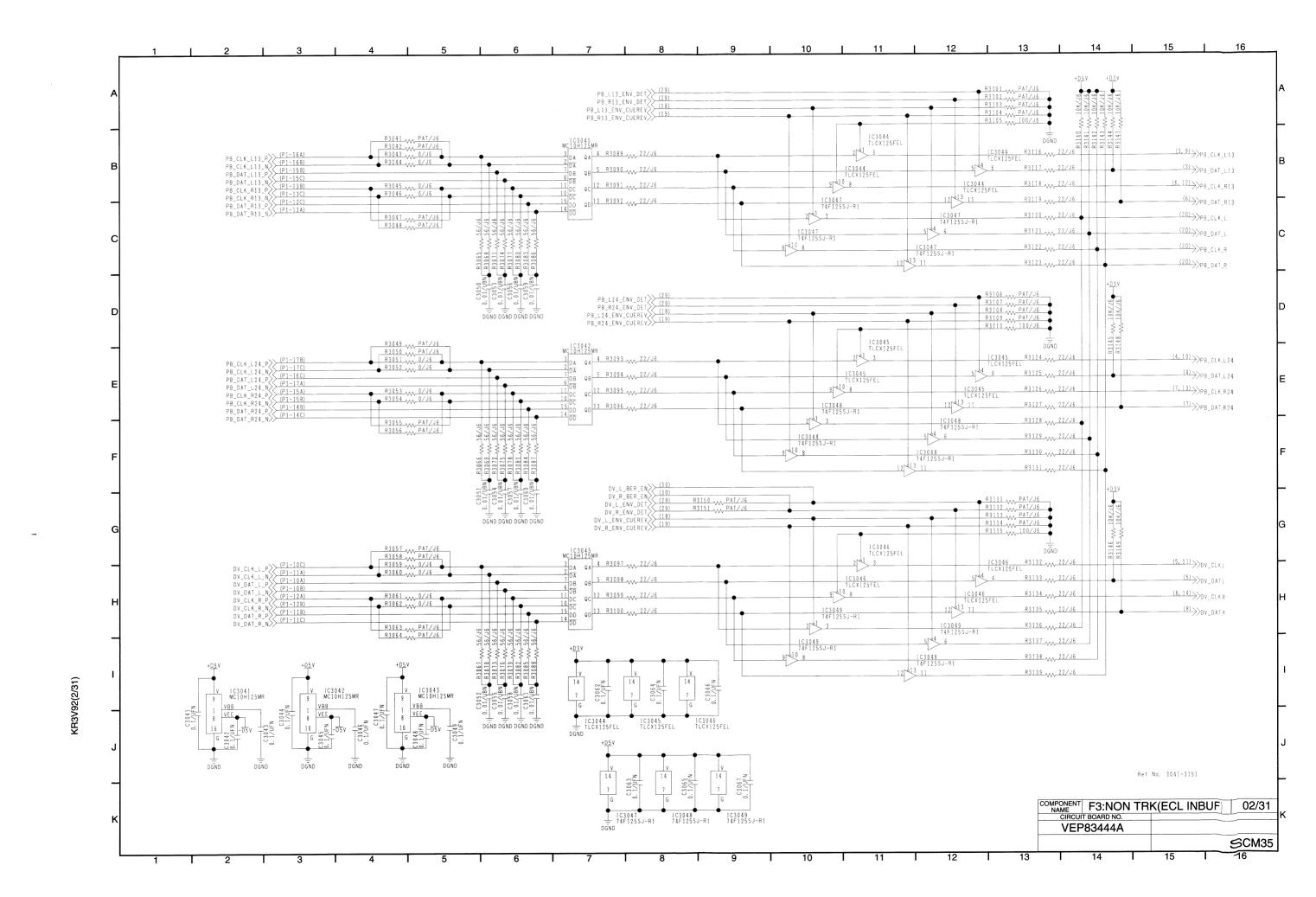
11

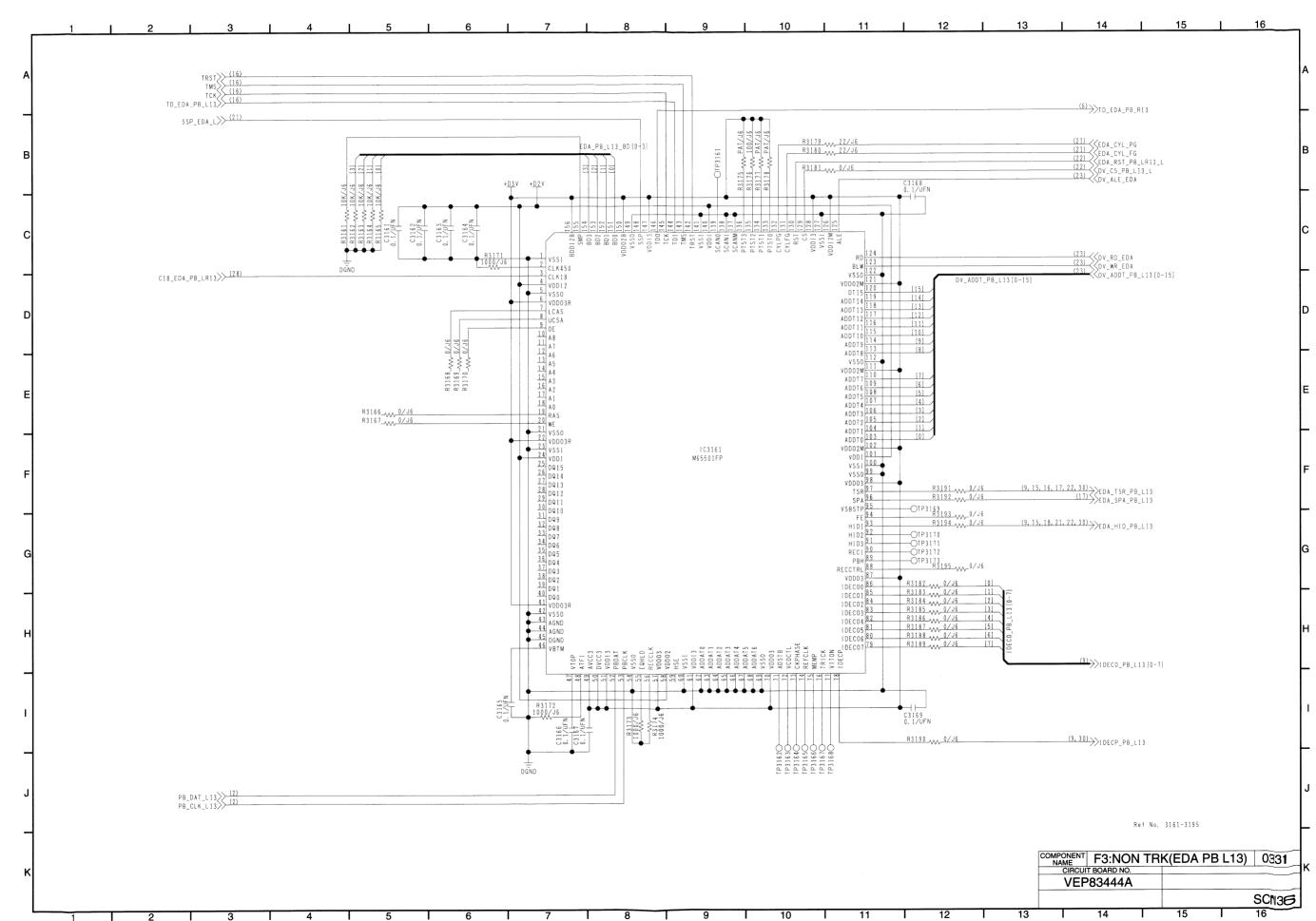
12

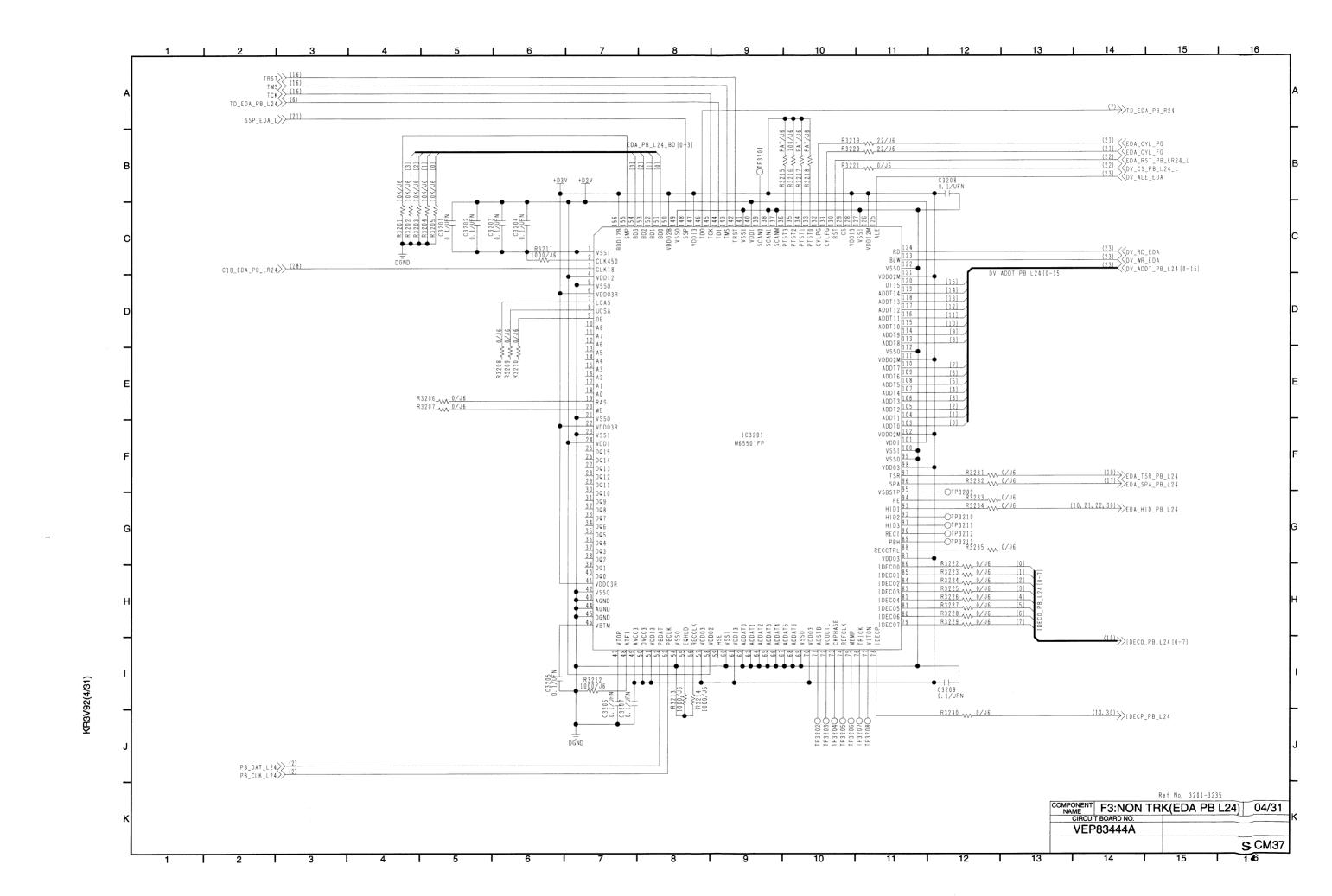
13

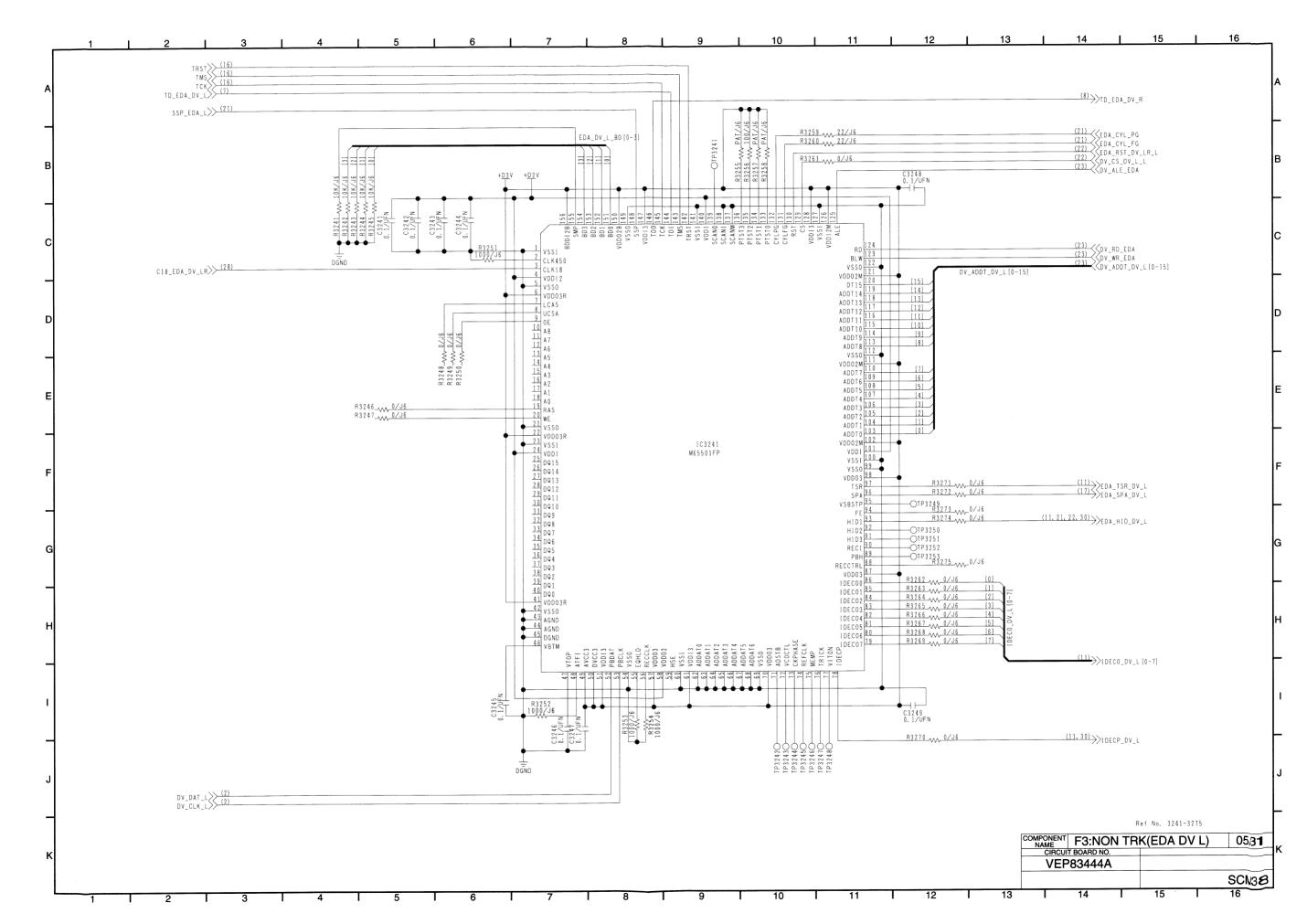
14

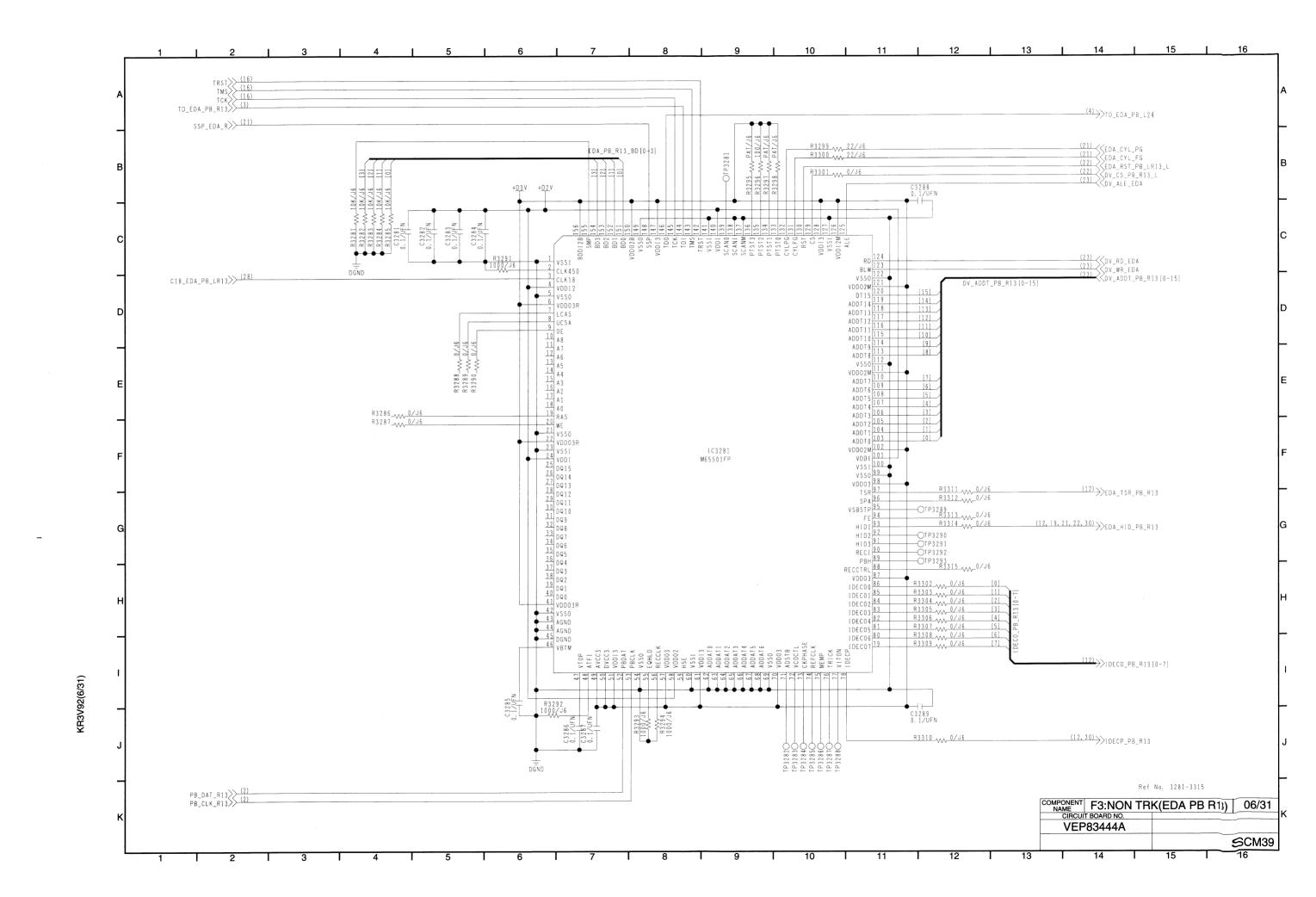
15

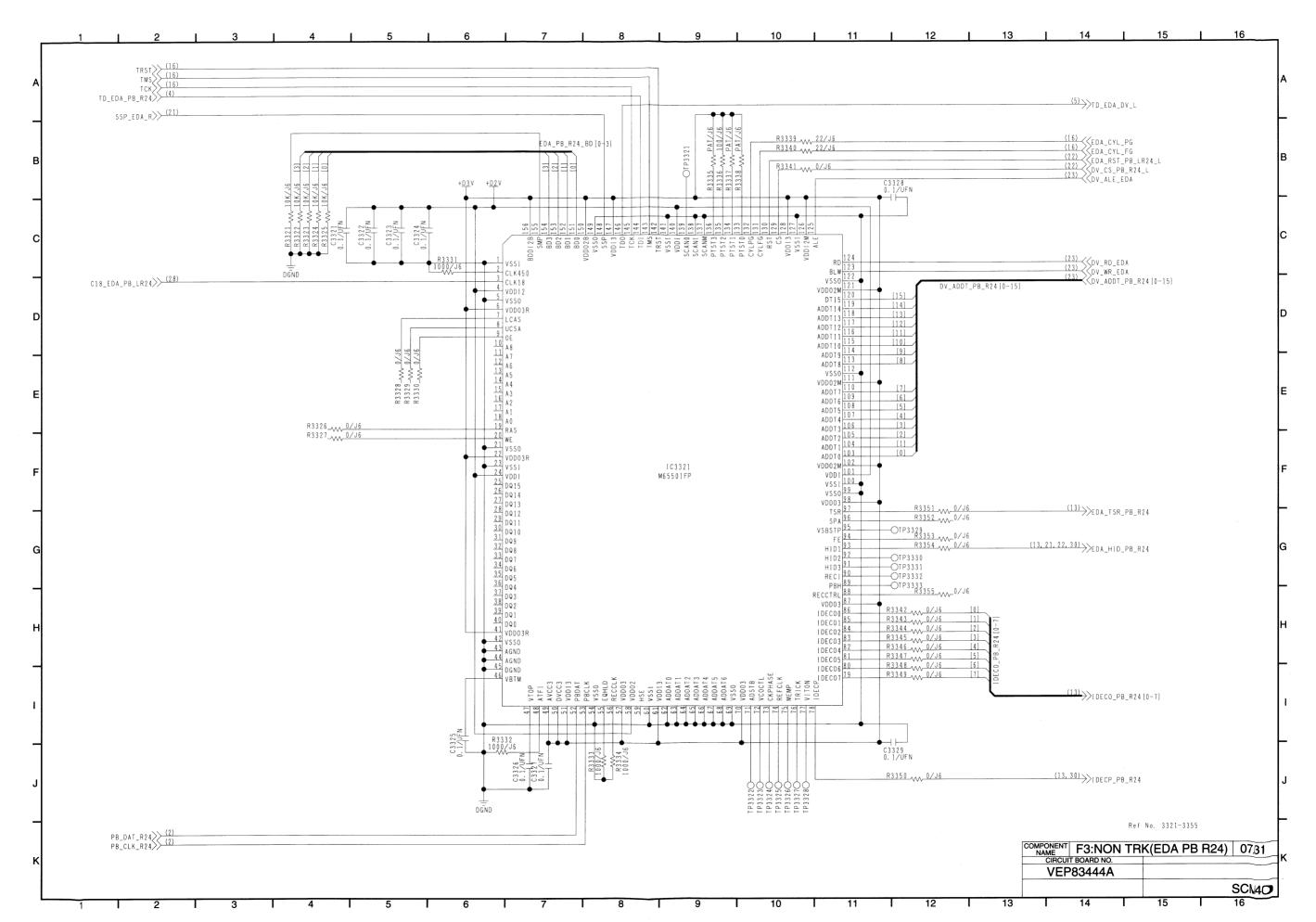


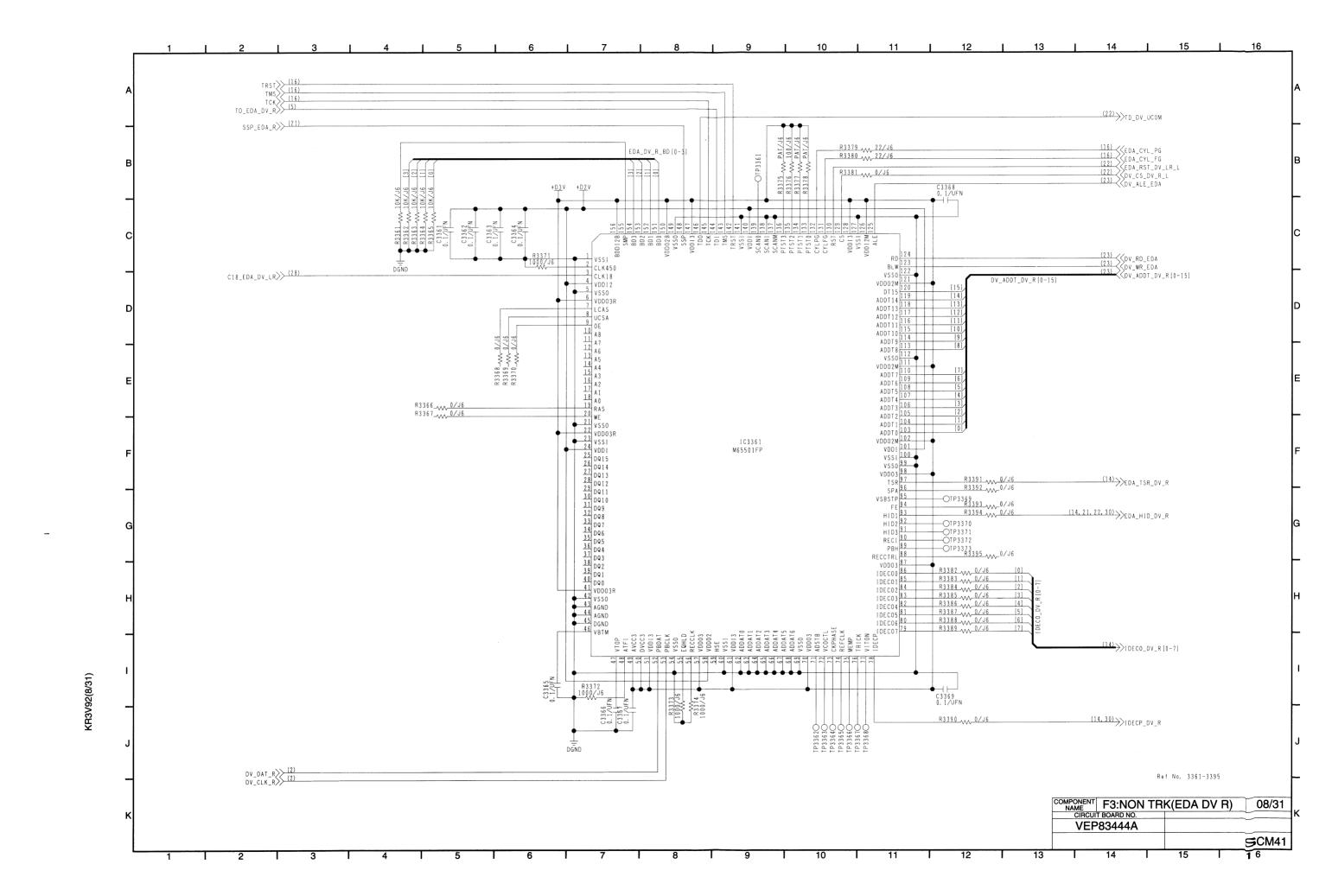




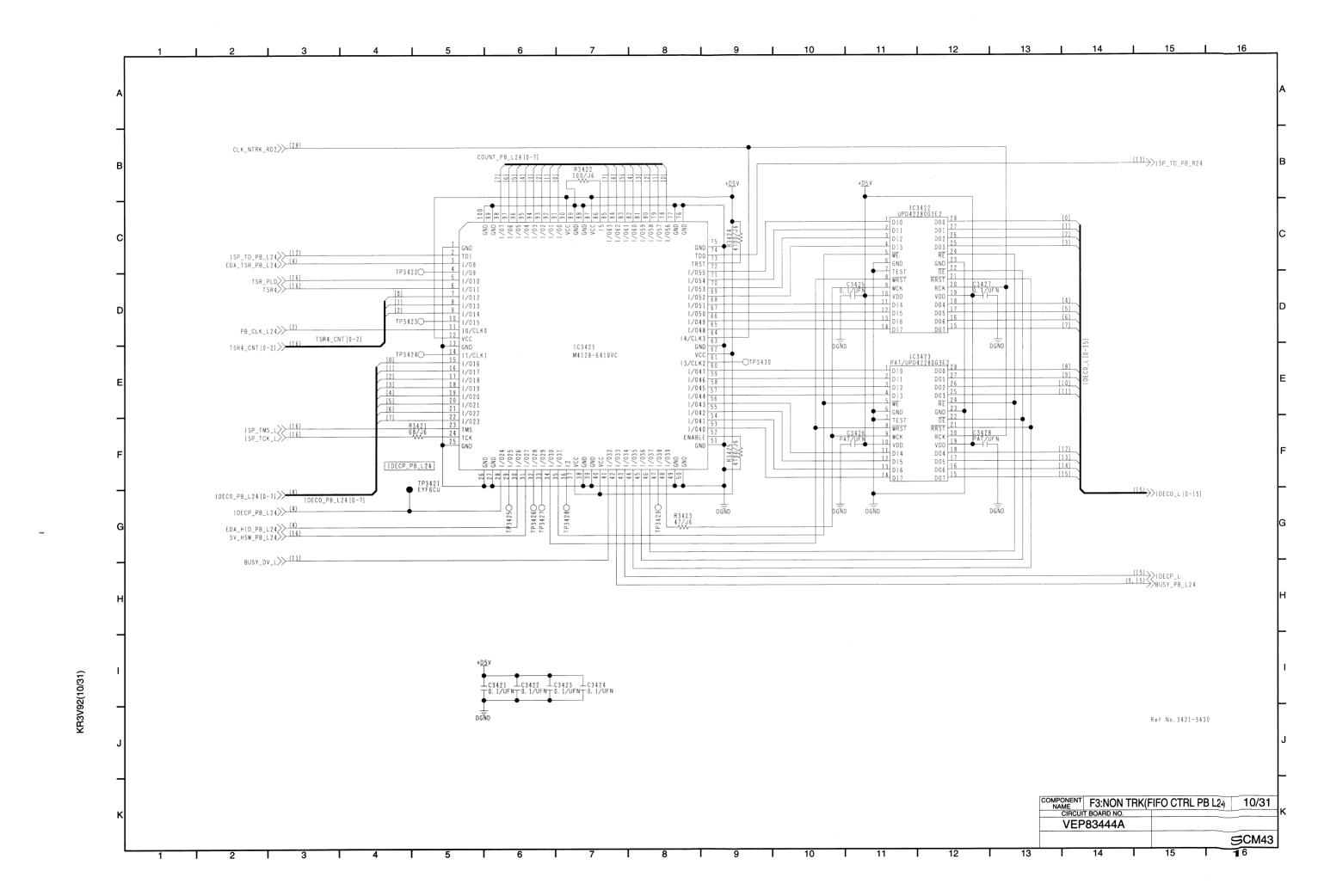






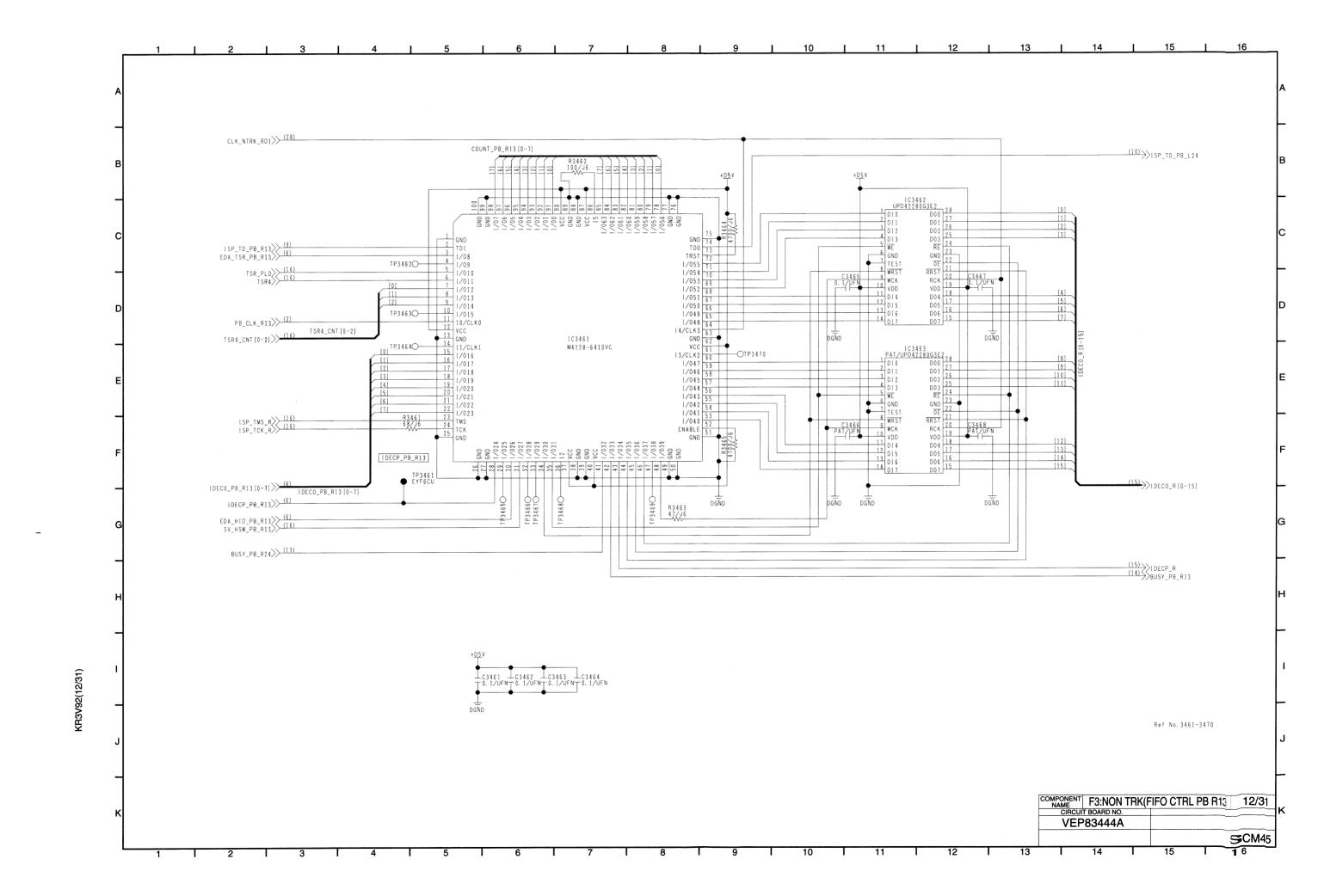


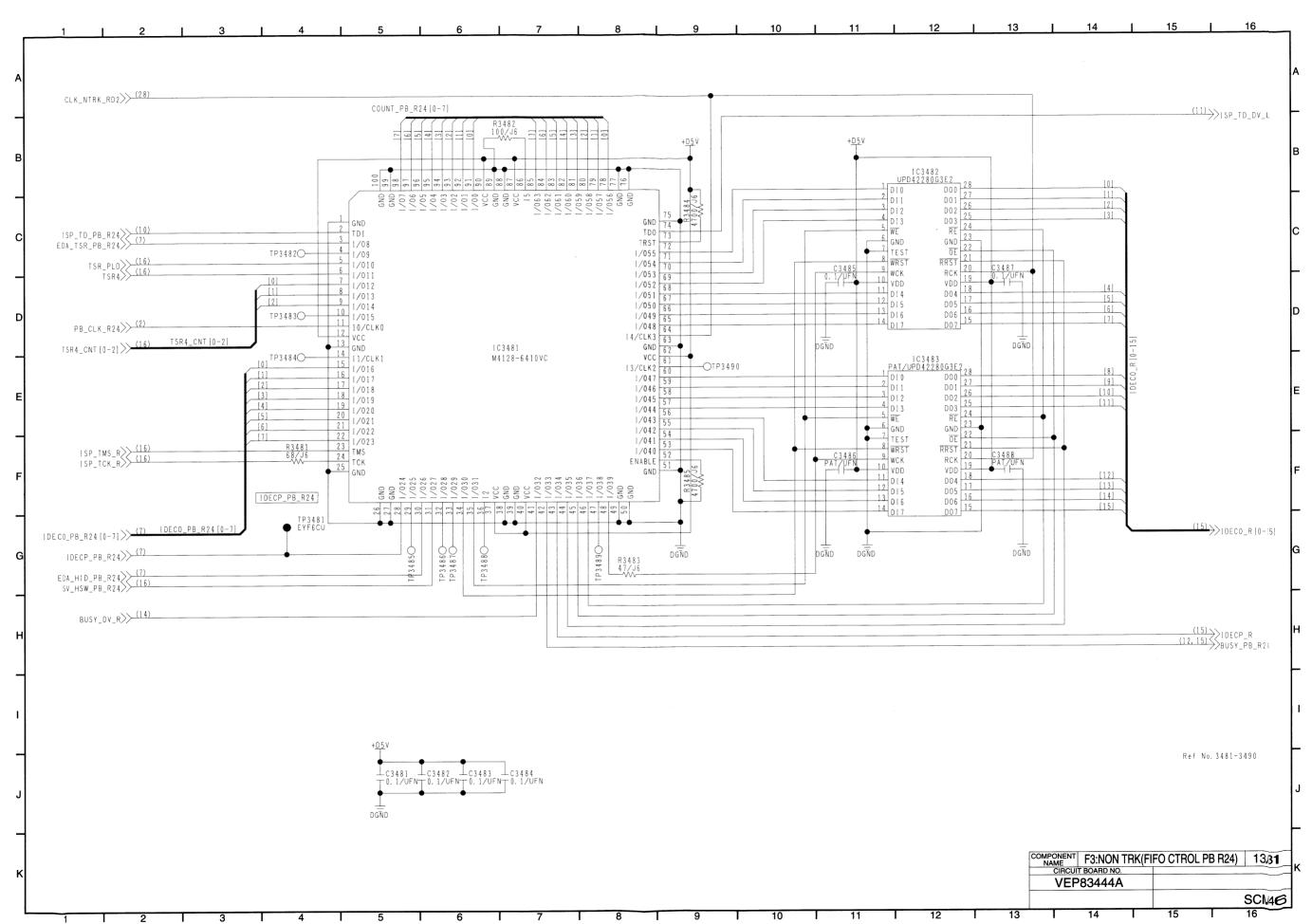
KR3V92(9/31)

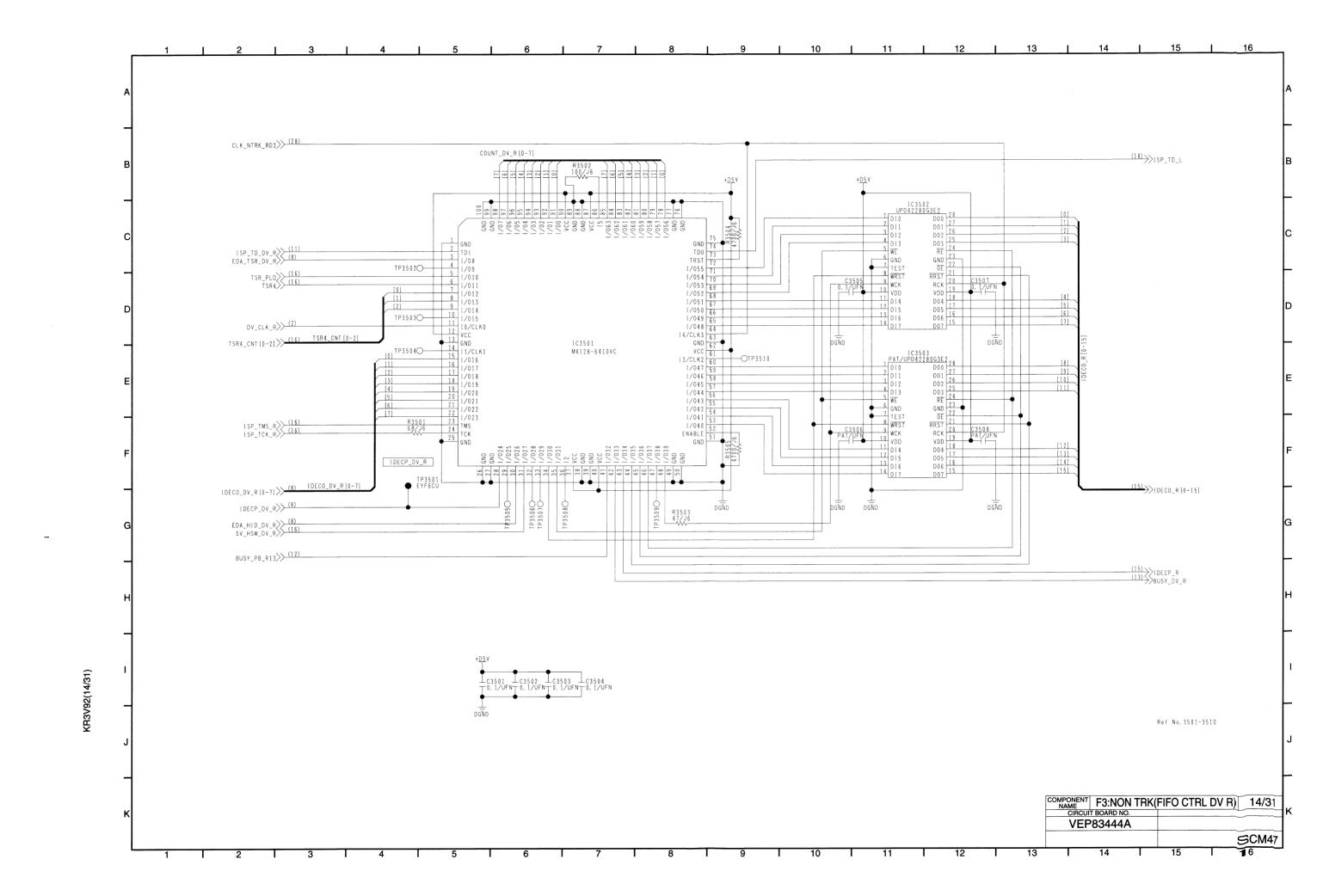


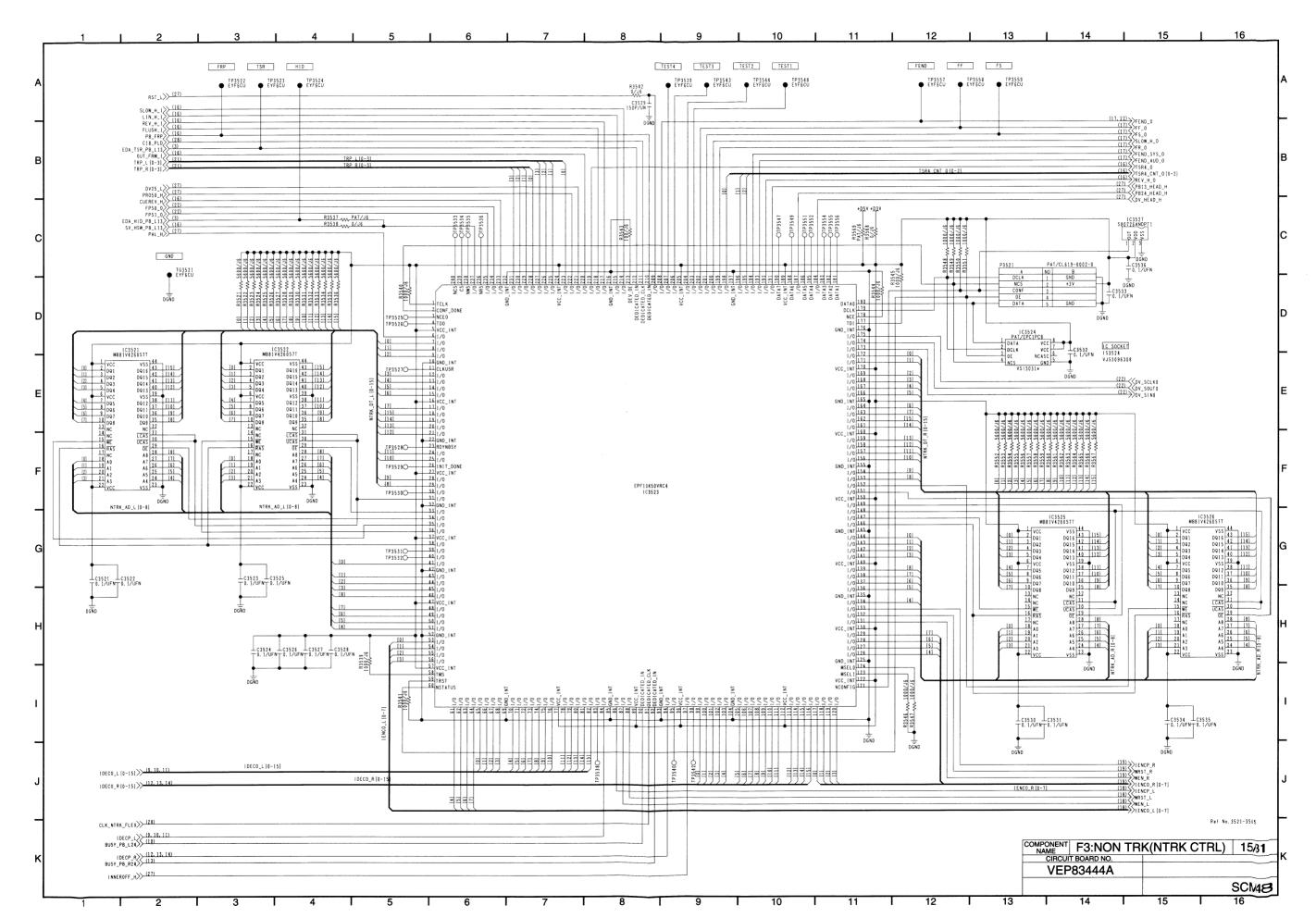
10 | 11 | 12 | 13 |

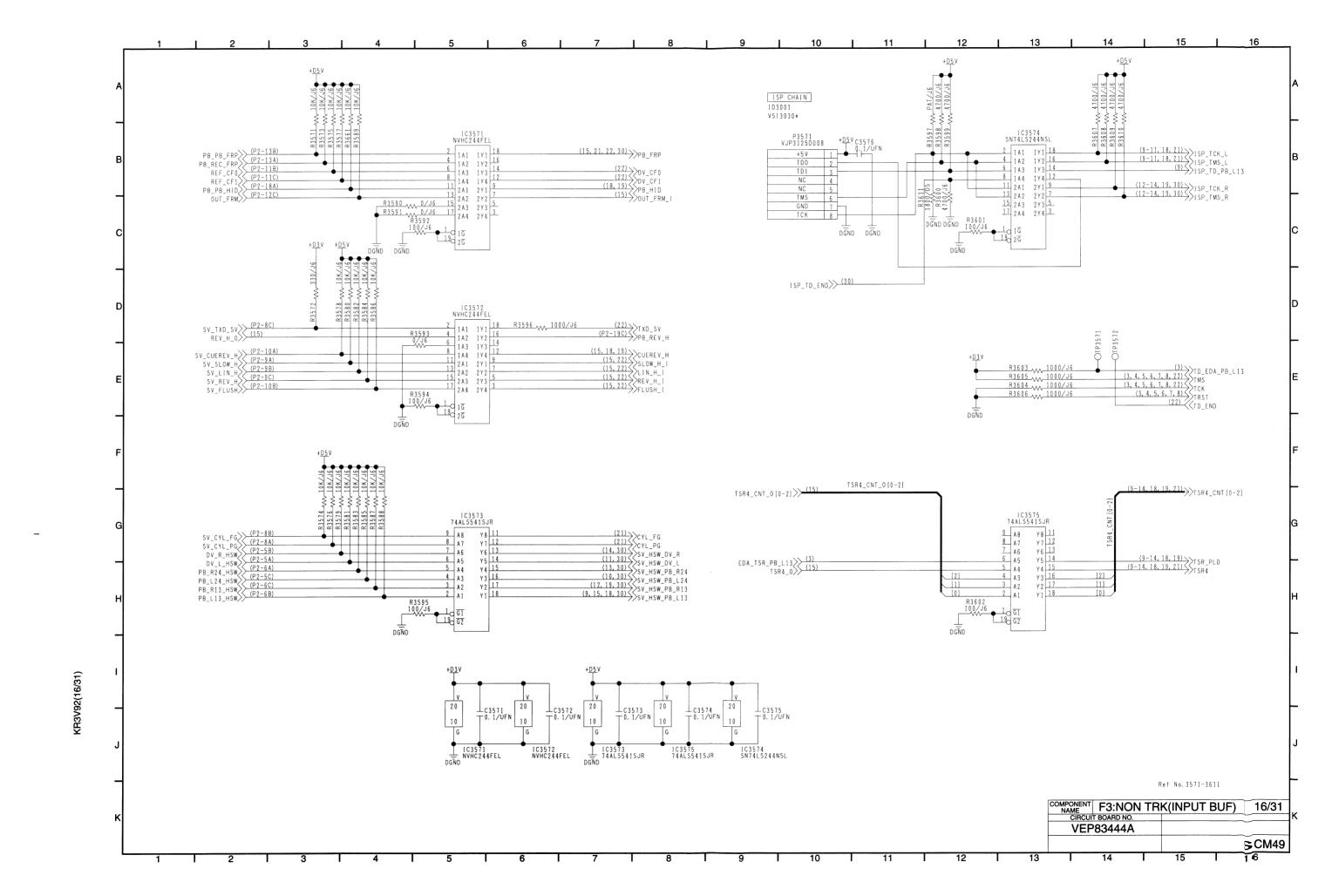
<R3V92(11/31)</p>











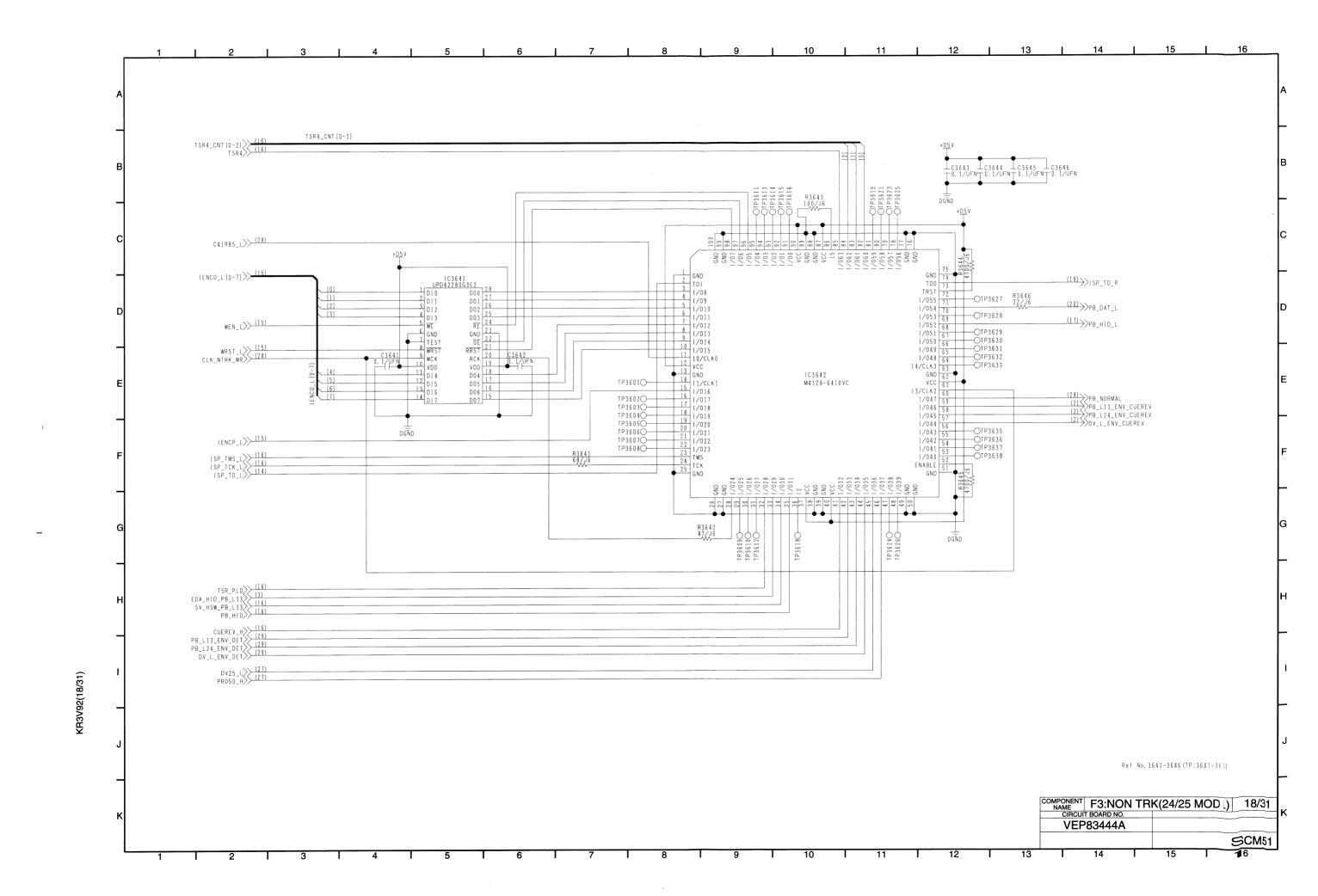
8

9

10

11

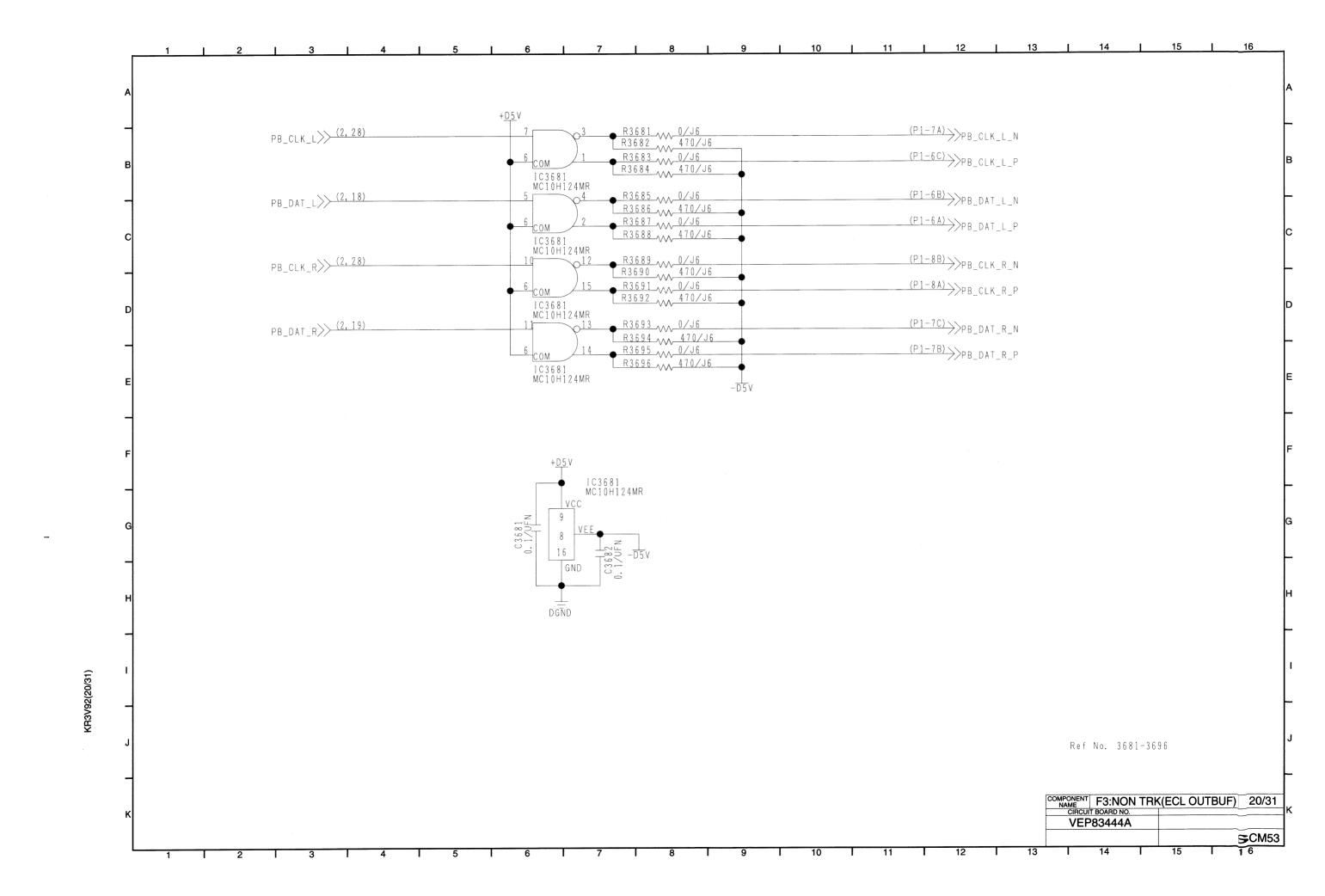
KR3V92(17/31)



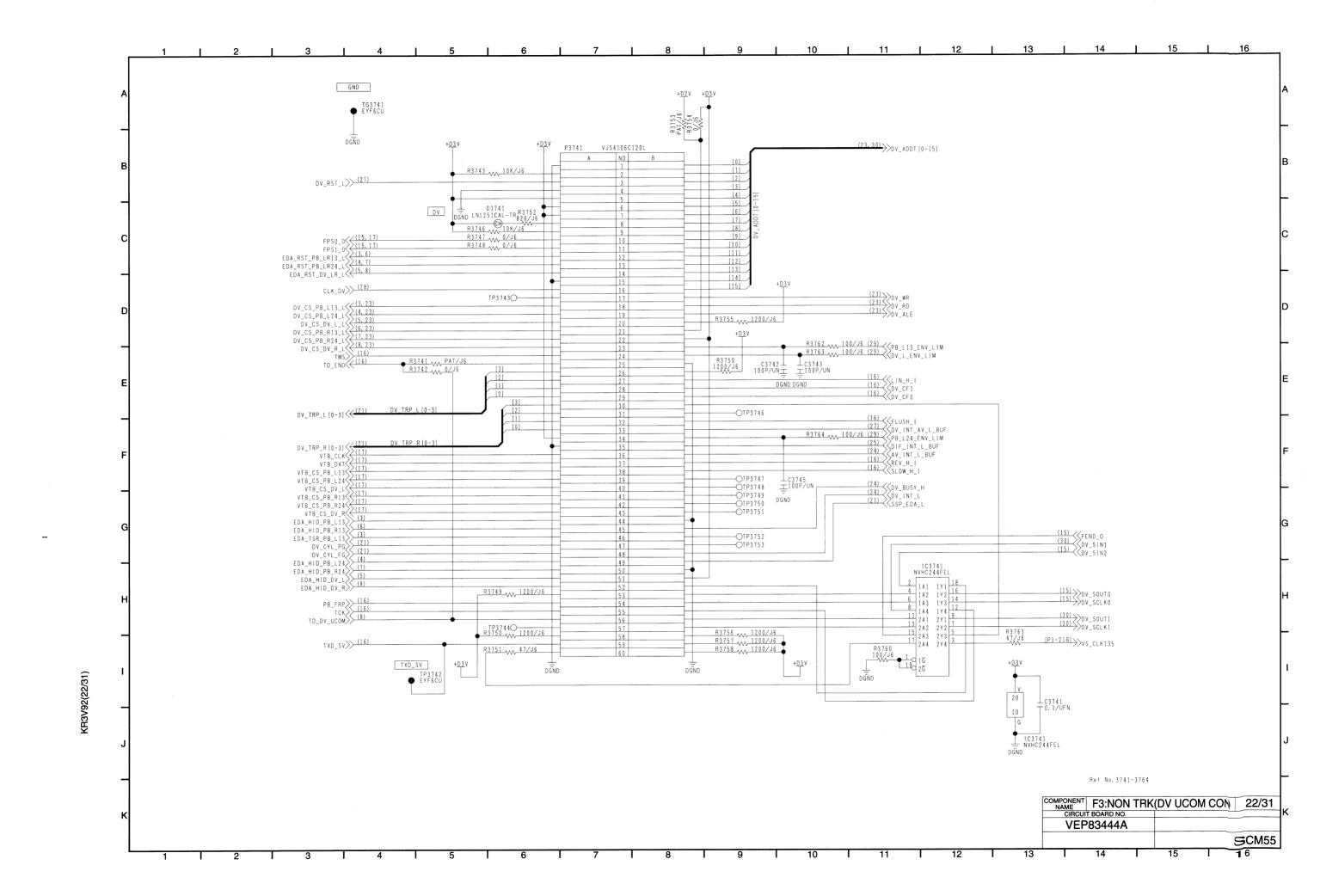
10

11 | 12 |

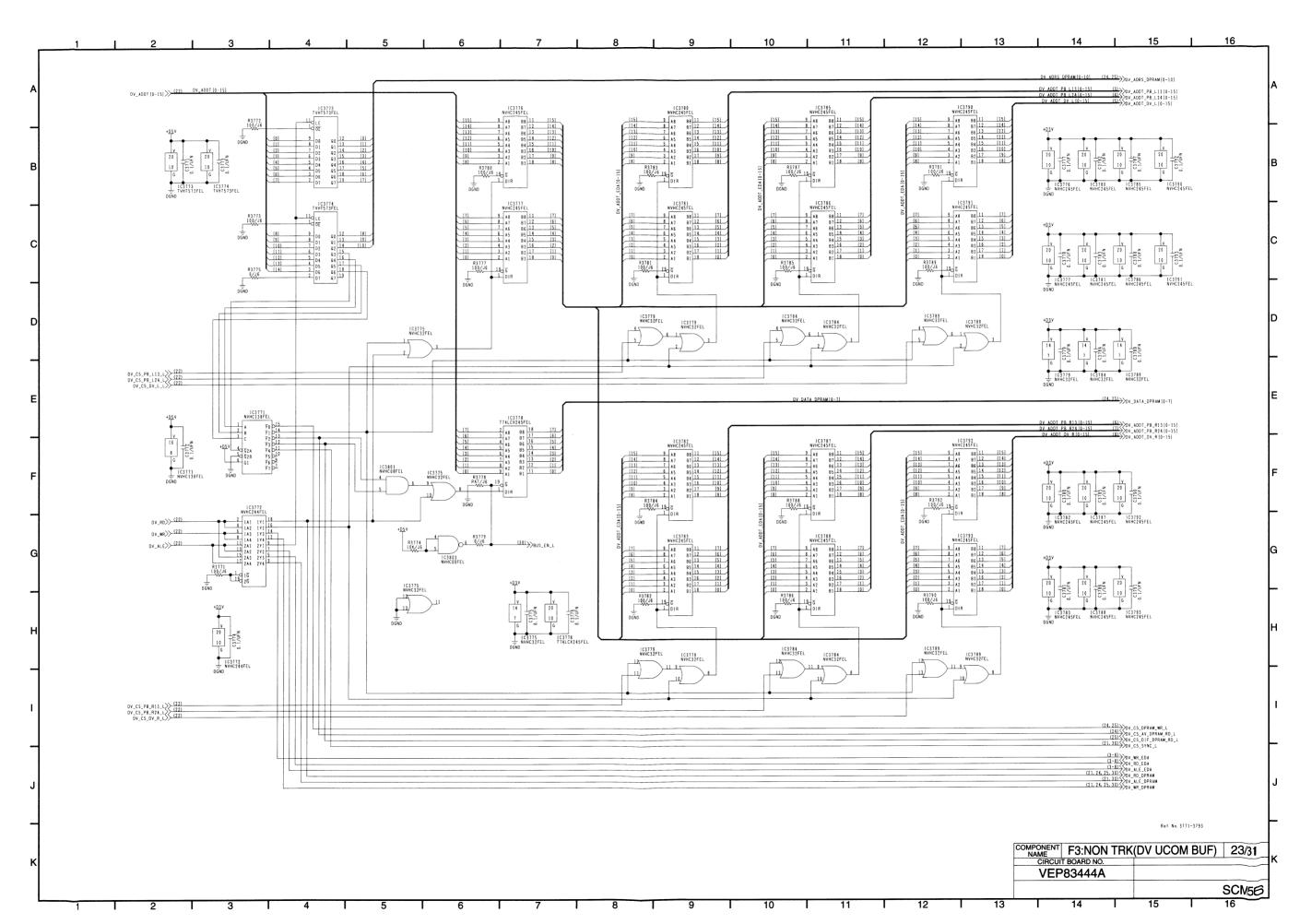
KR3V92(19/31)

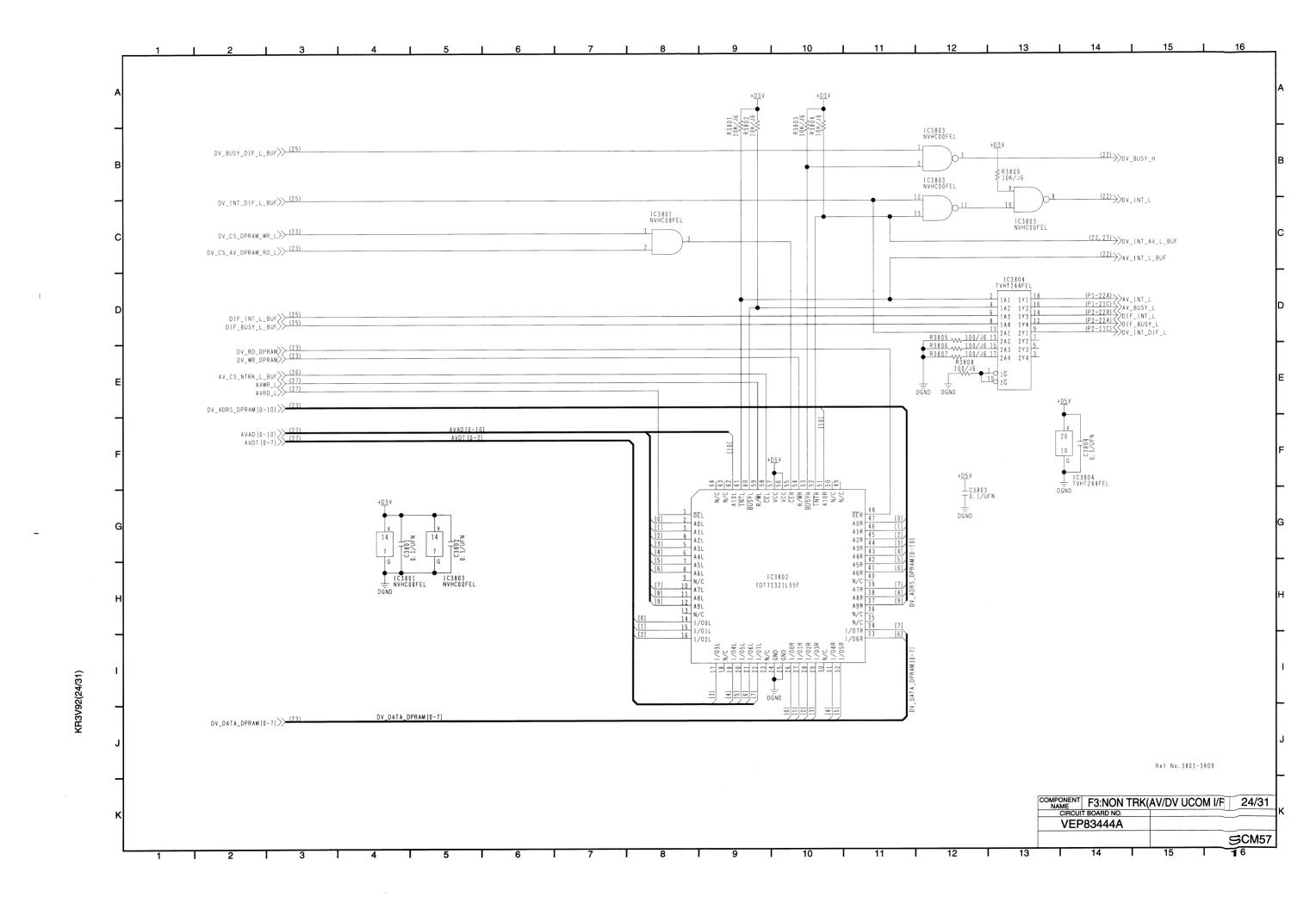


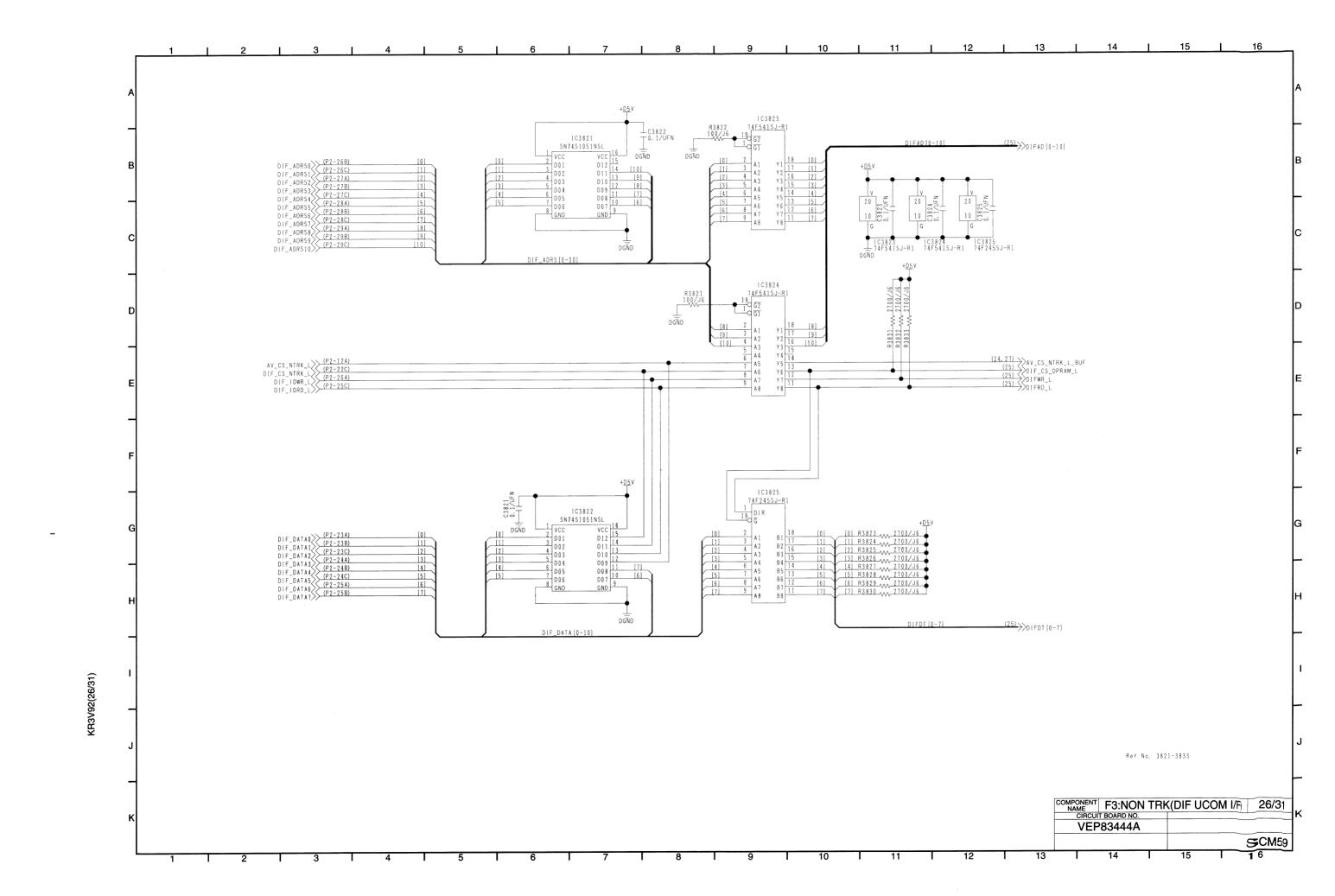
KR3V92(21/31)

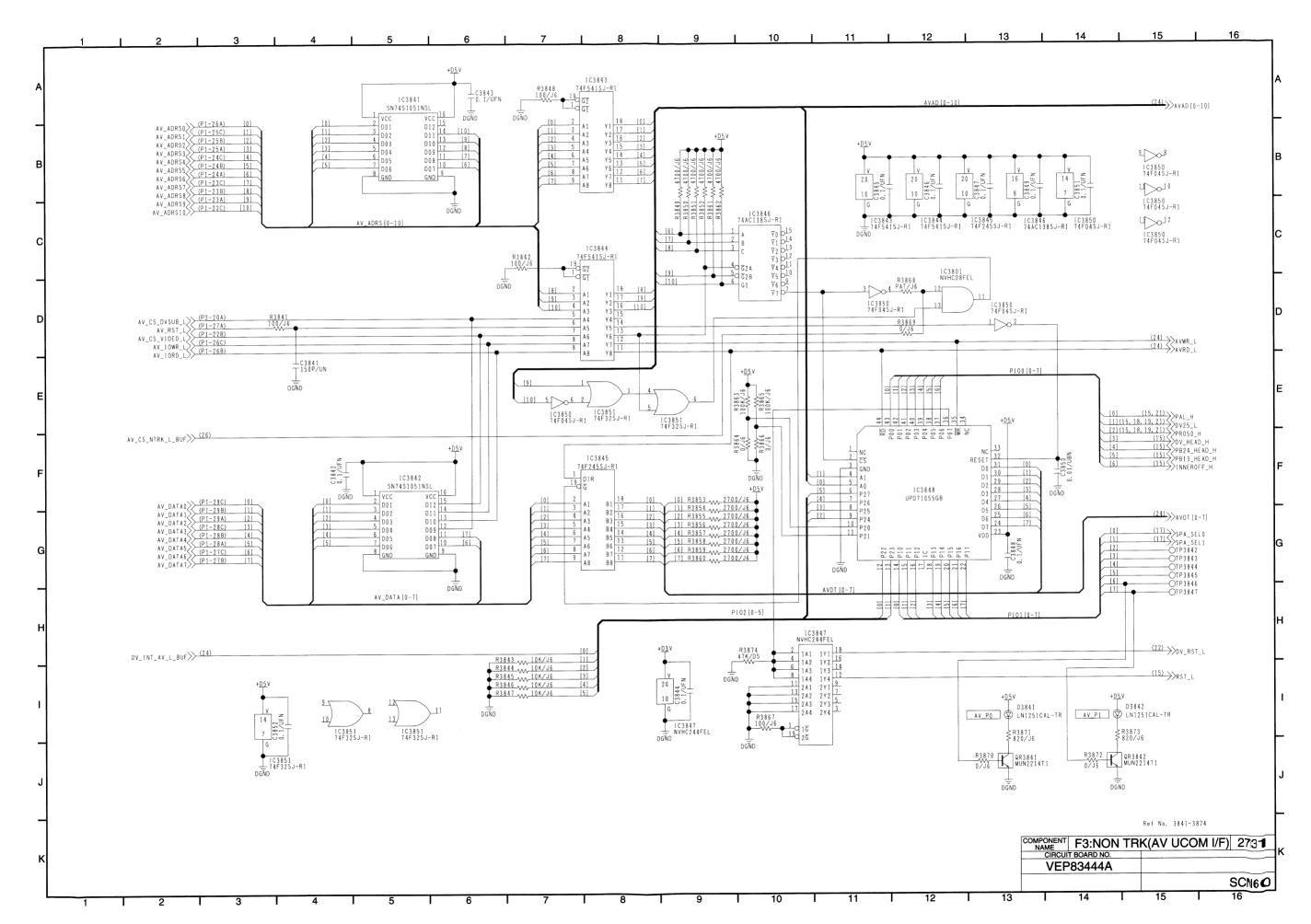


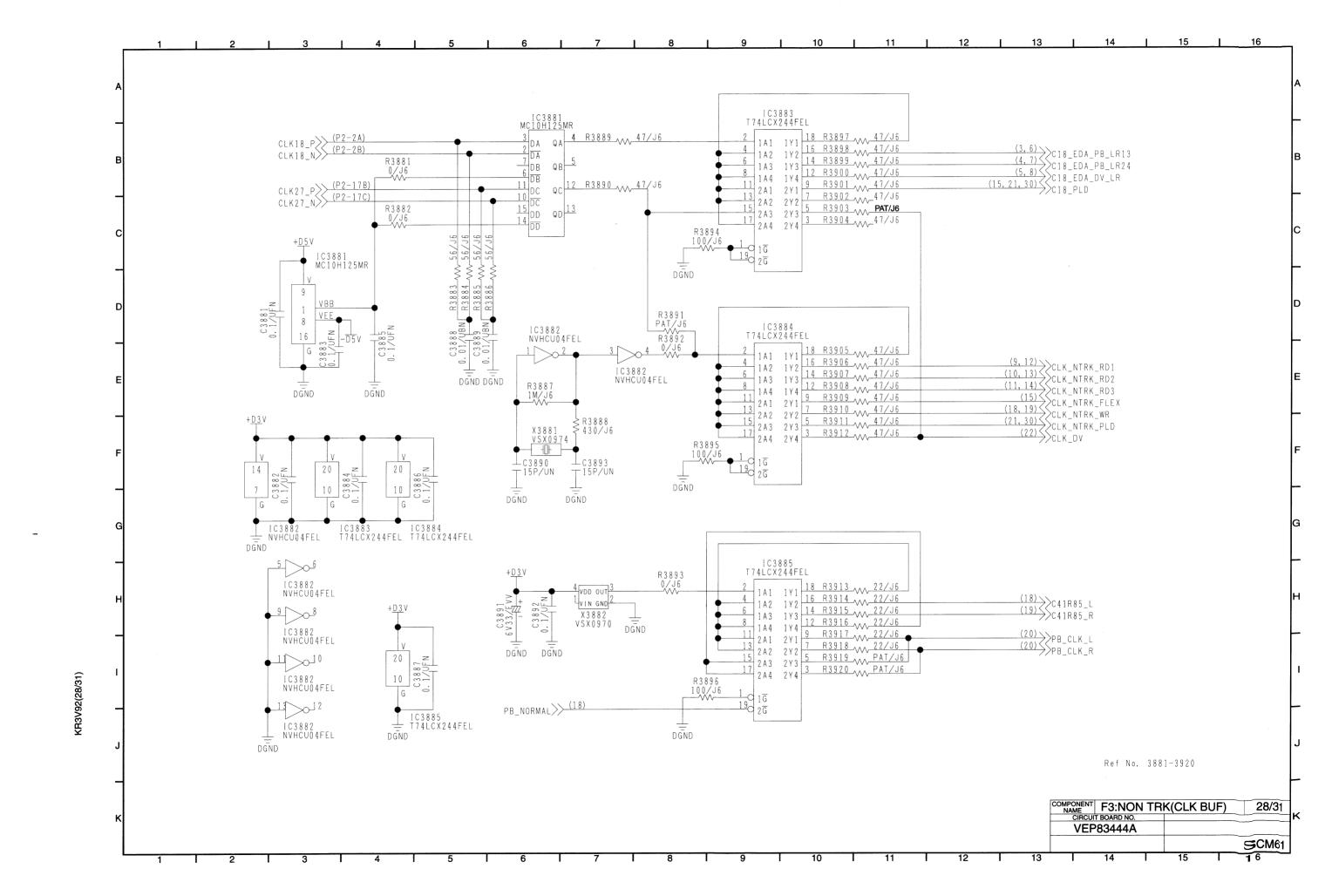


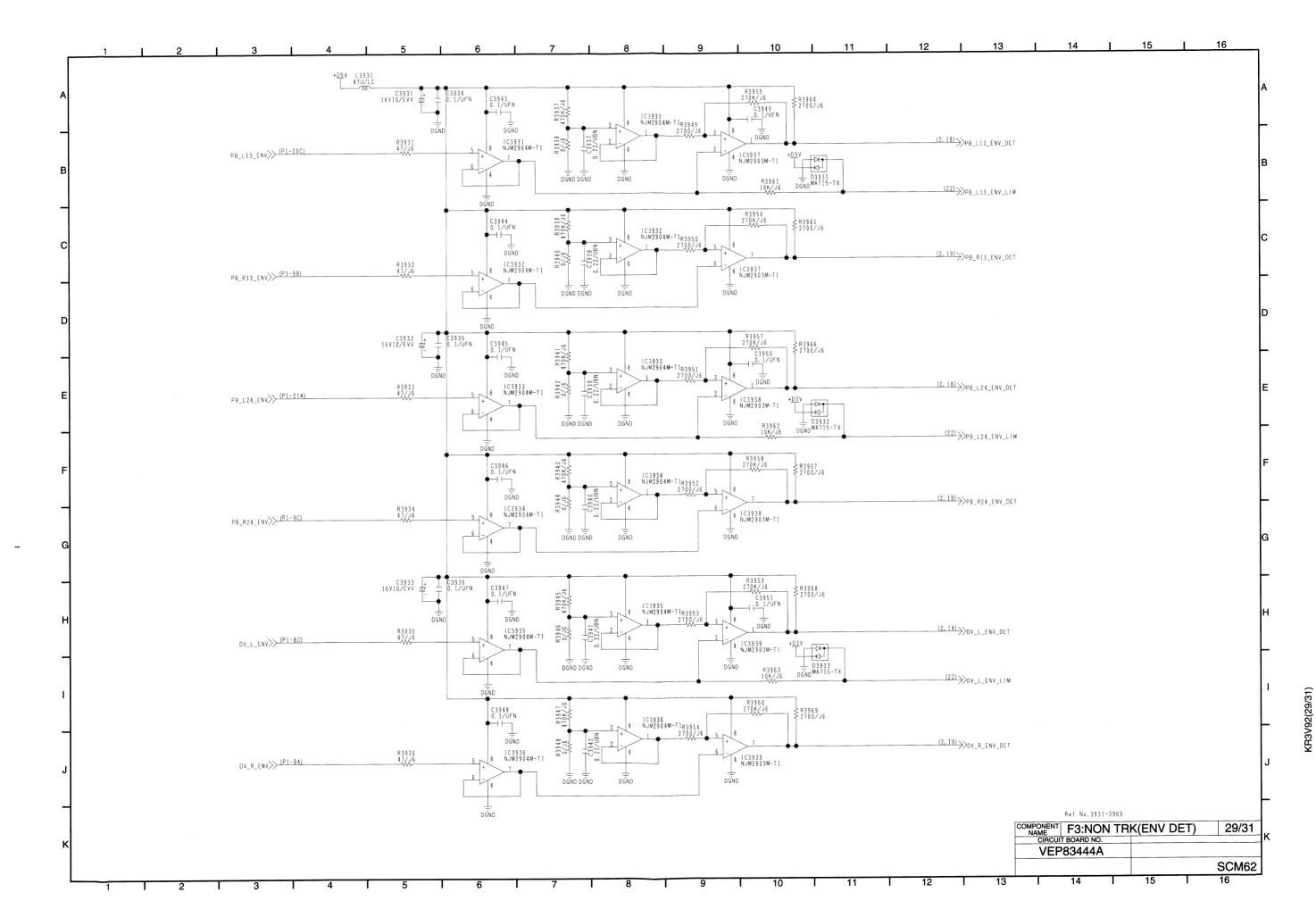


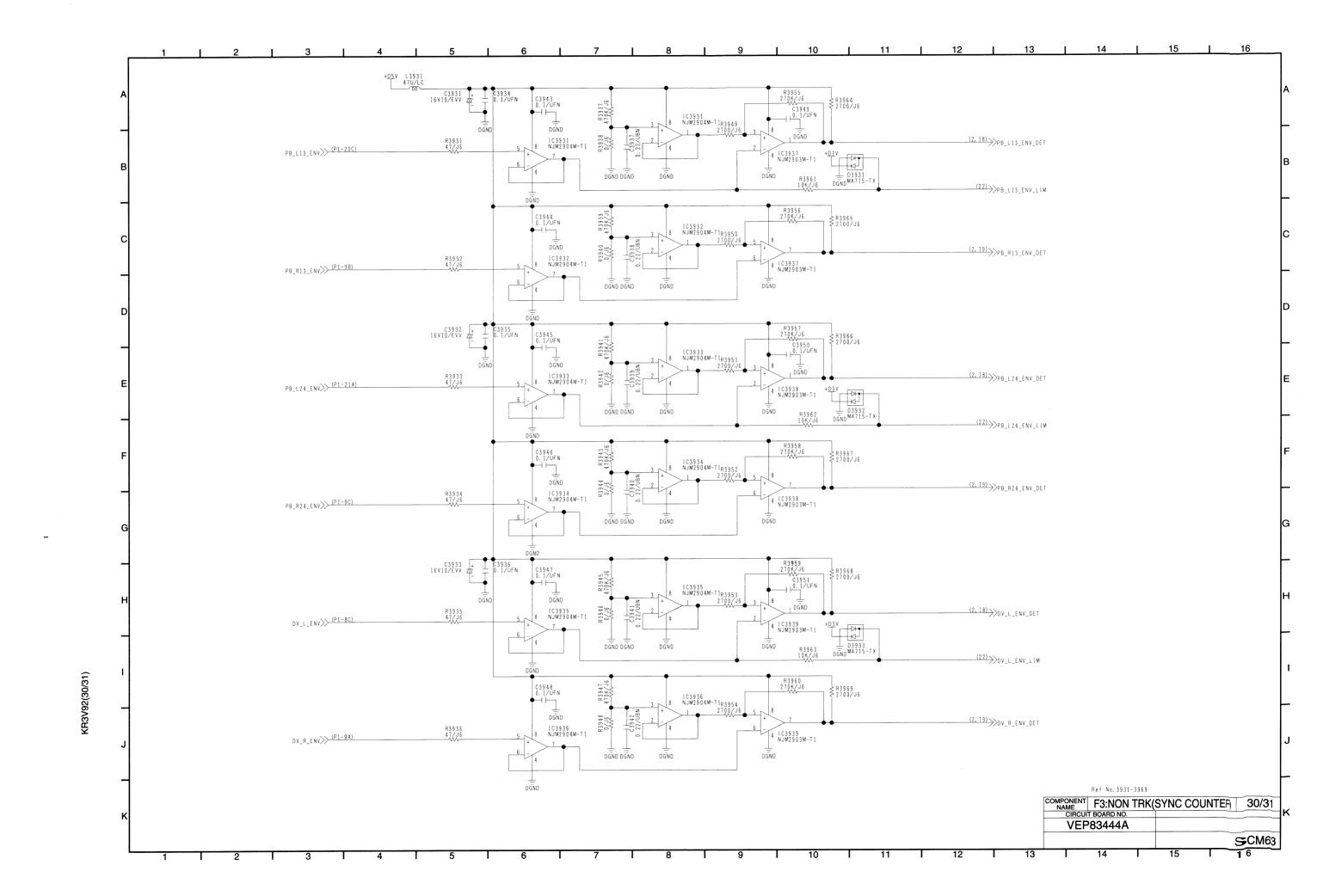




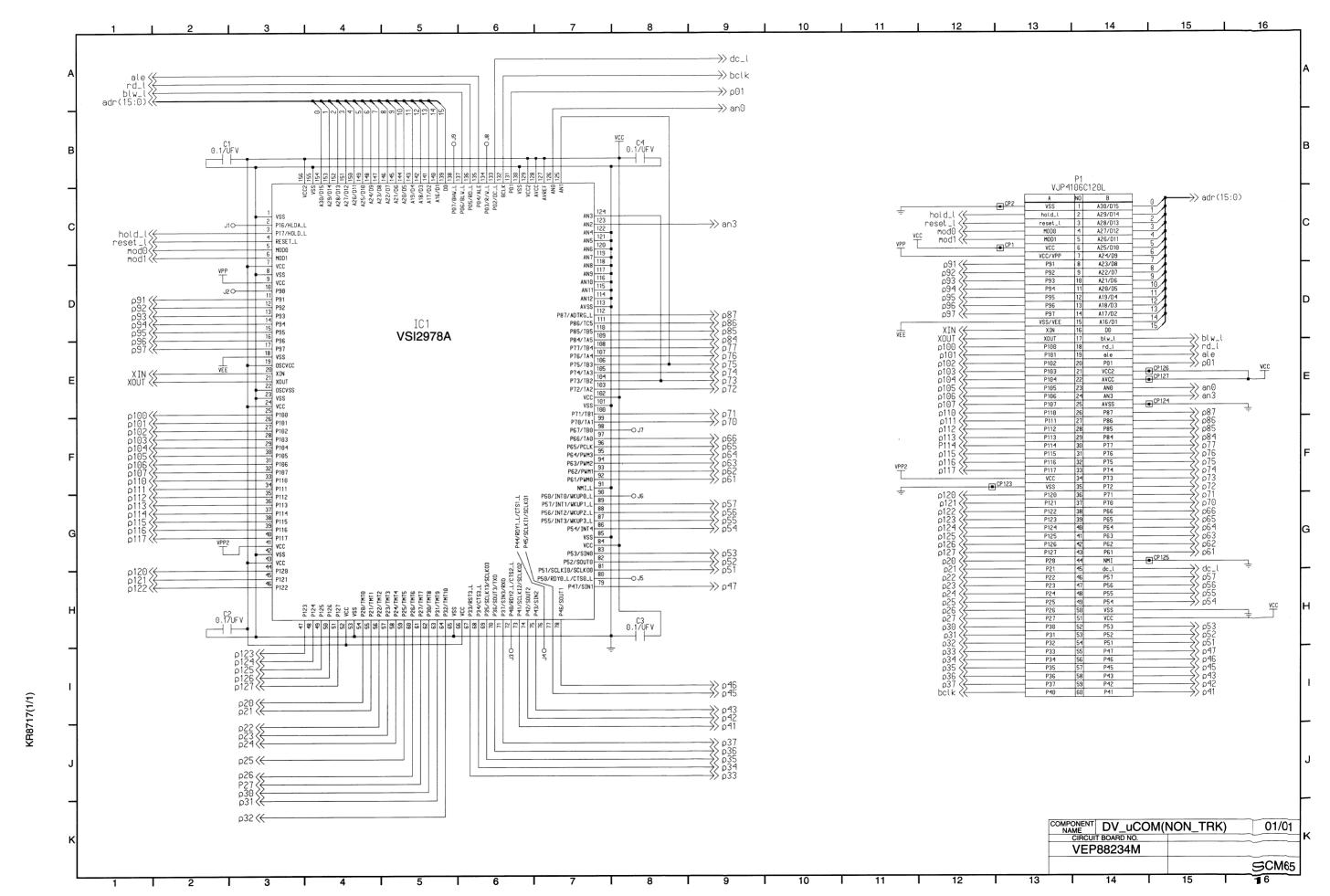




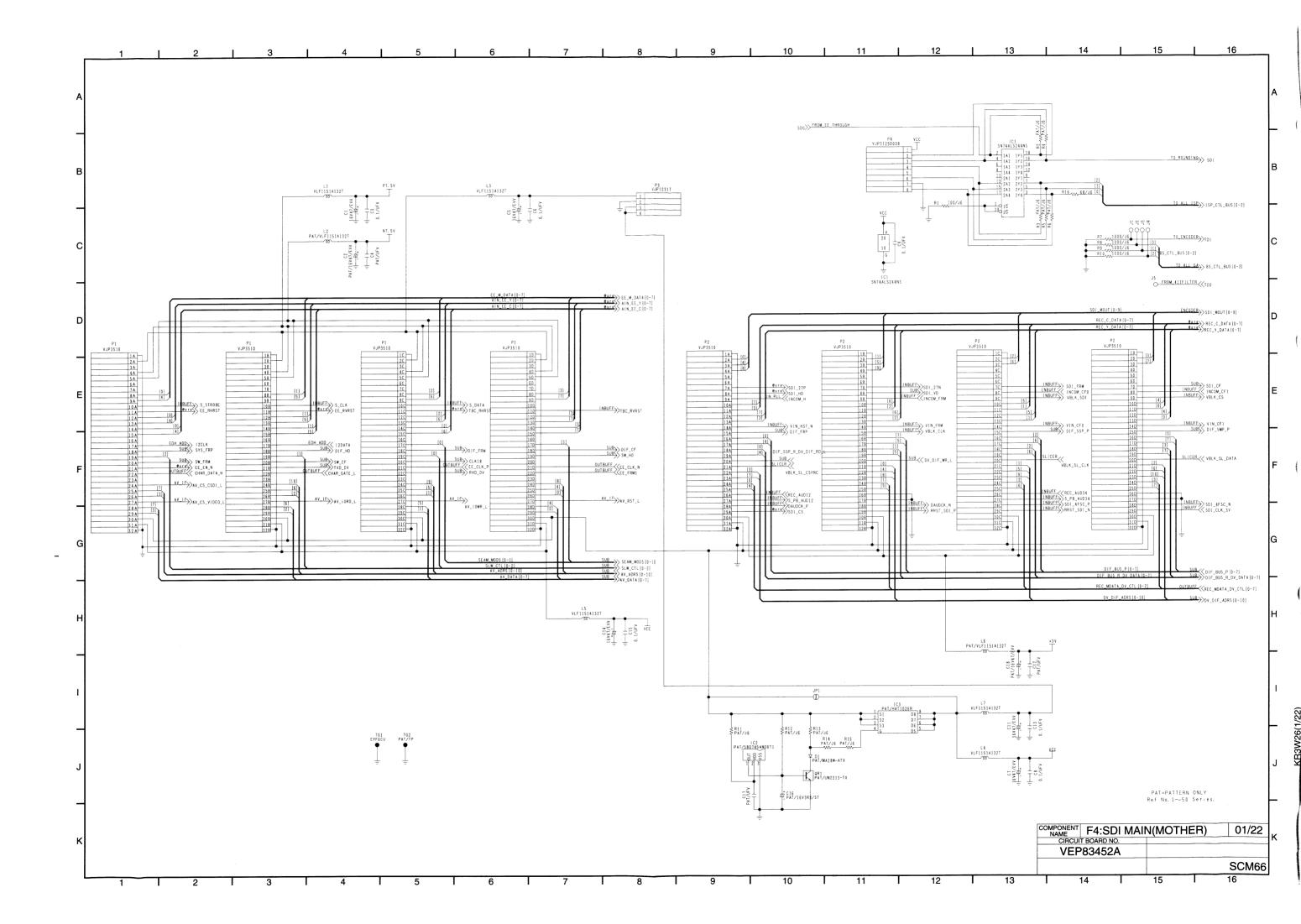


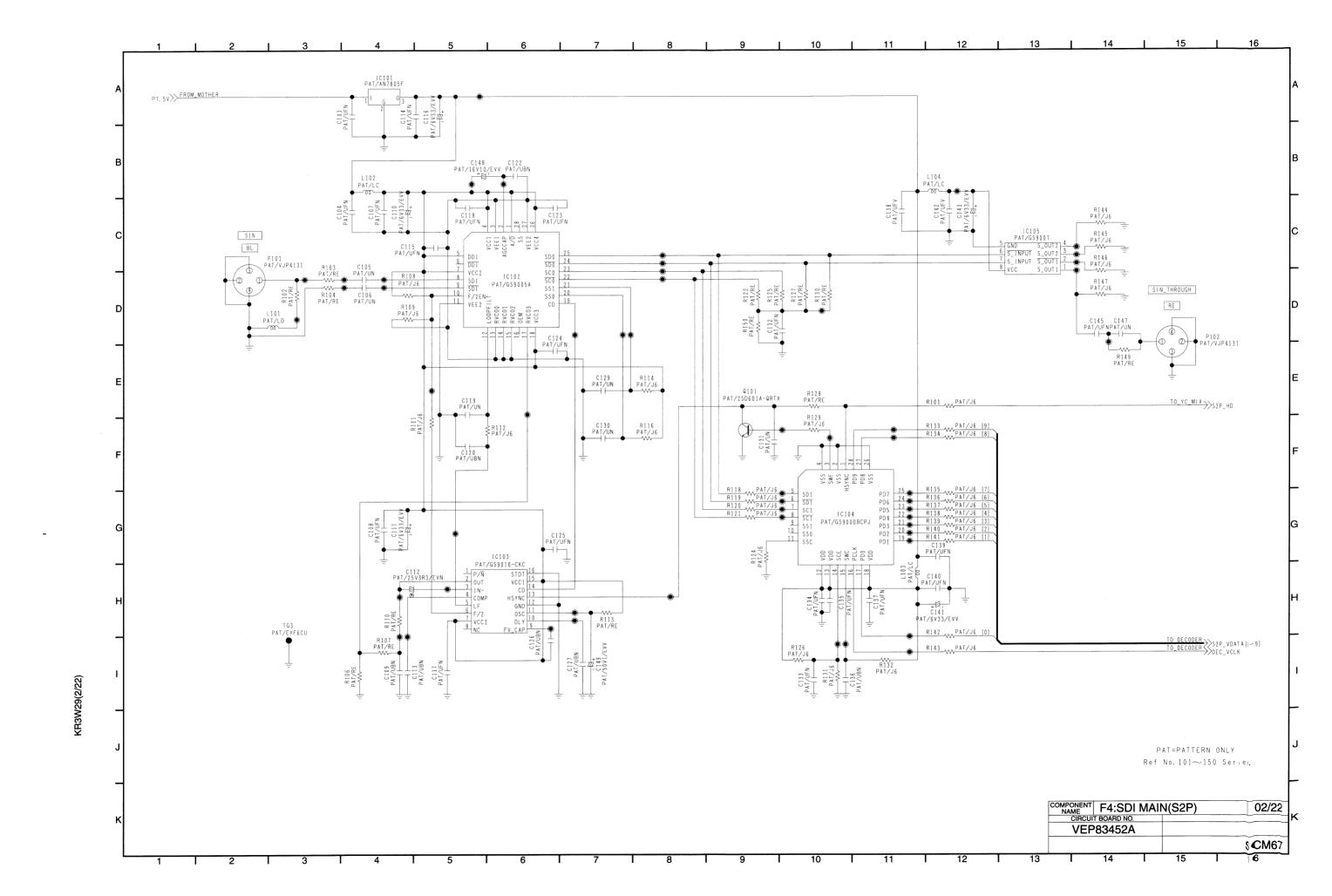


KR3V92(31/31)

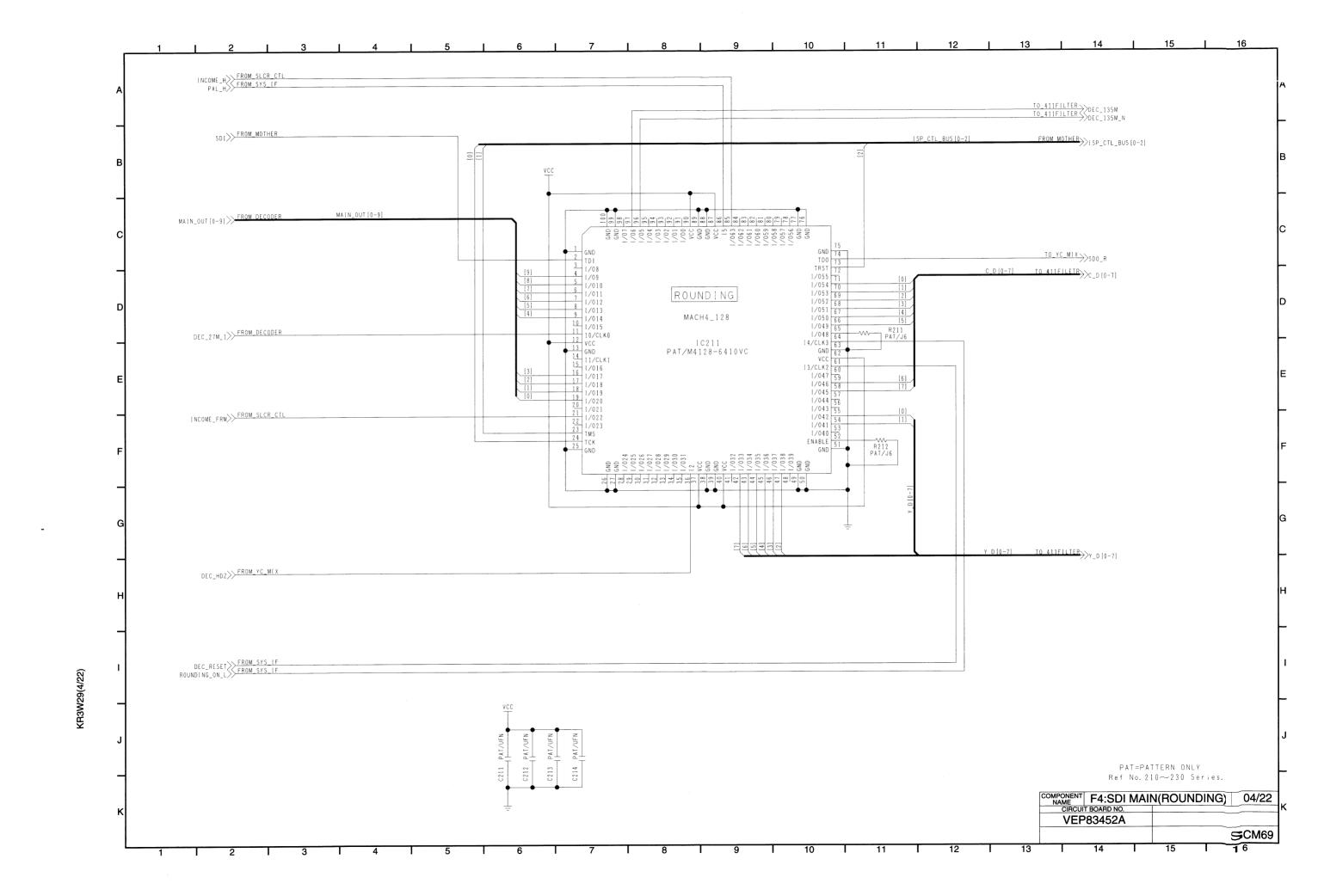


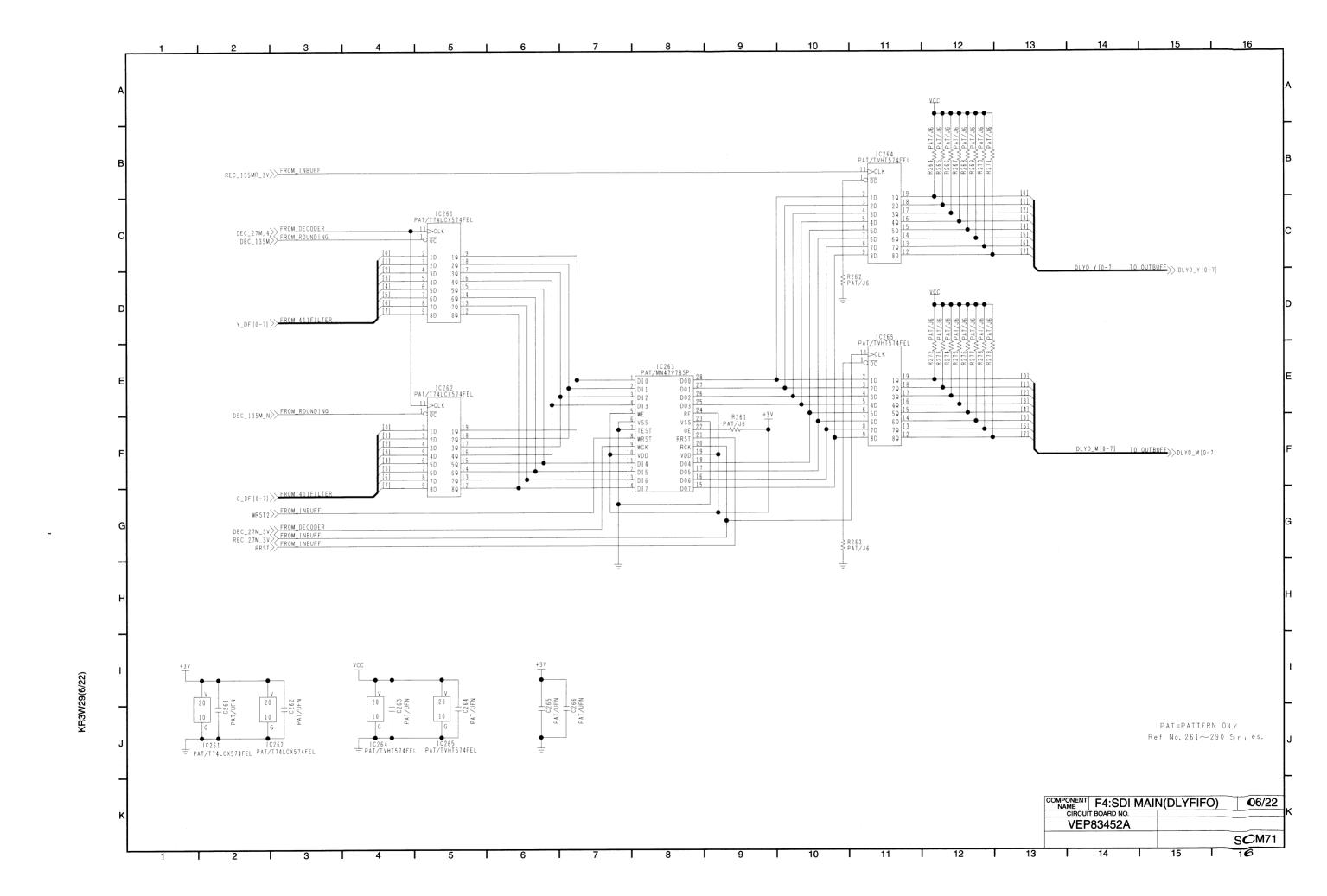
-

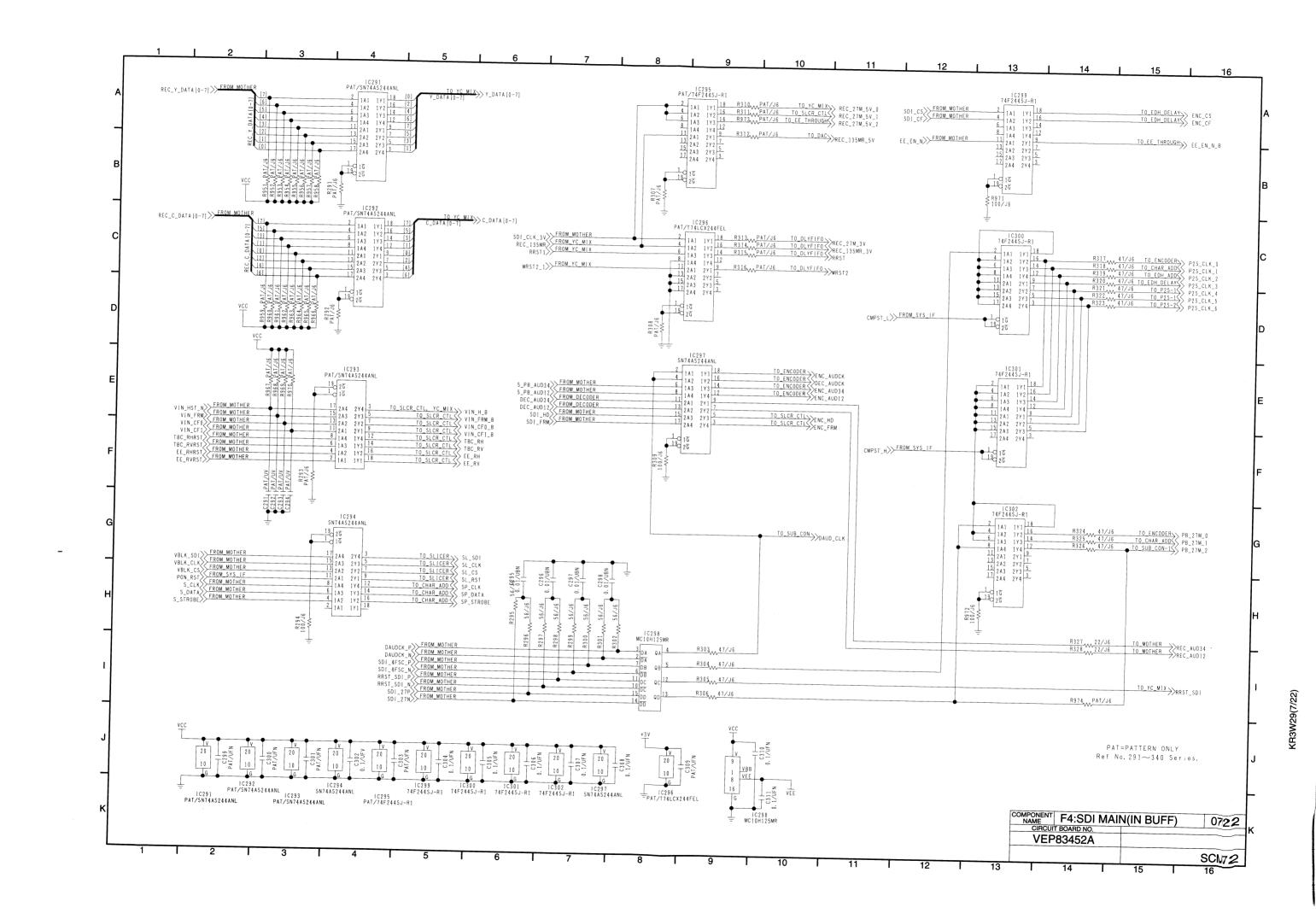


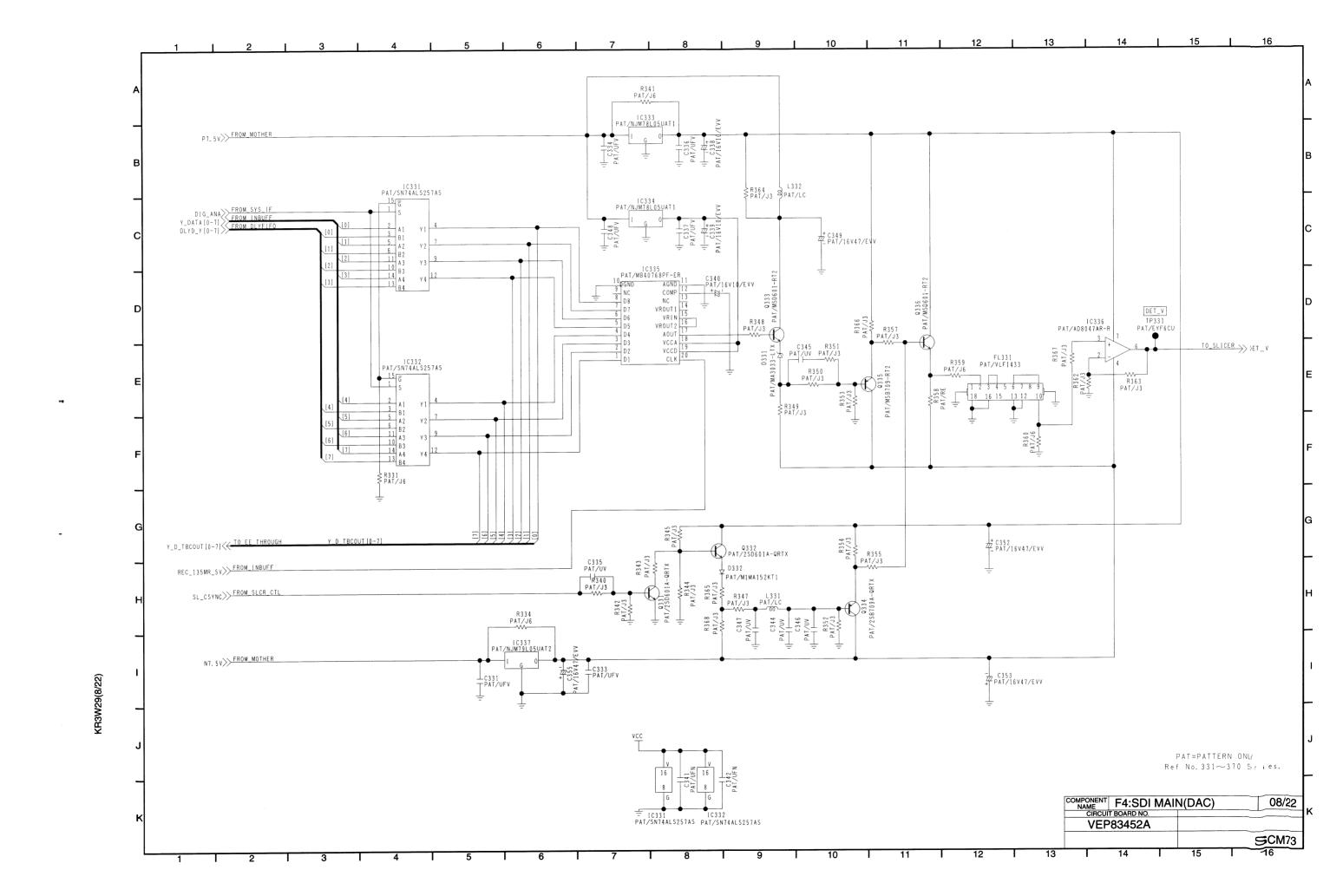


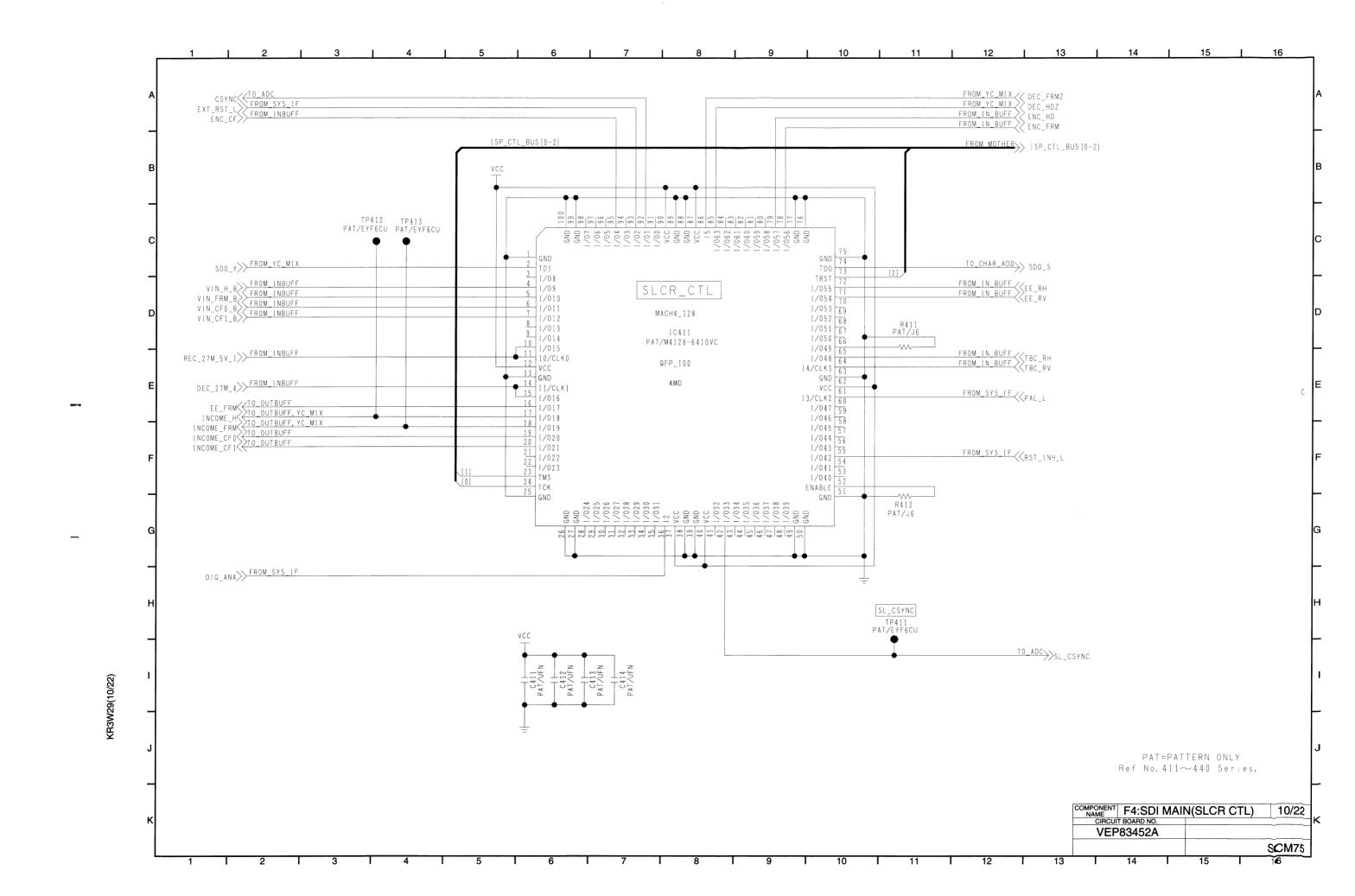
KR3W29(3/22)

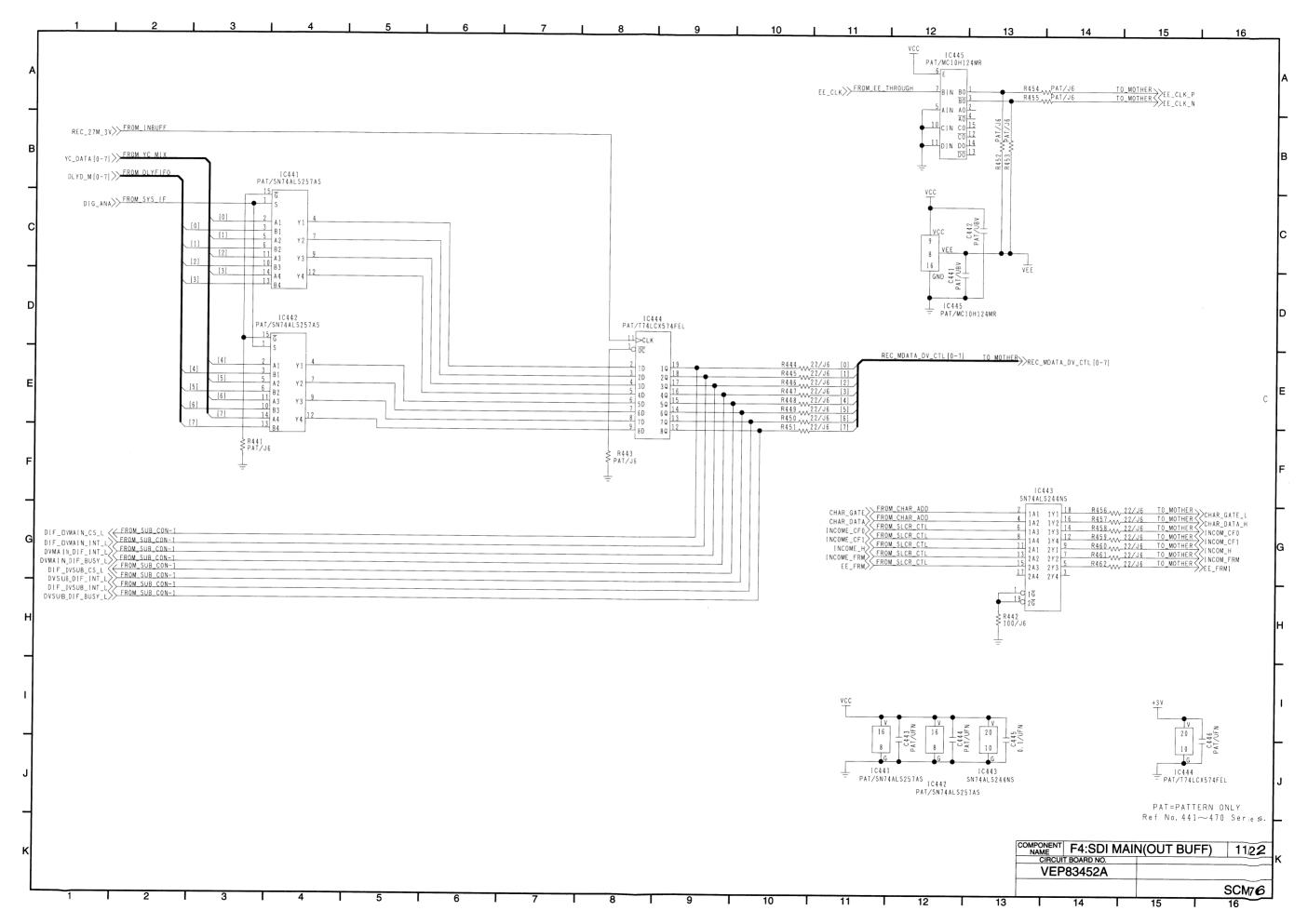


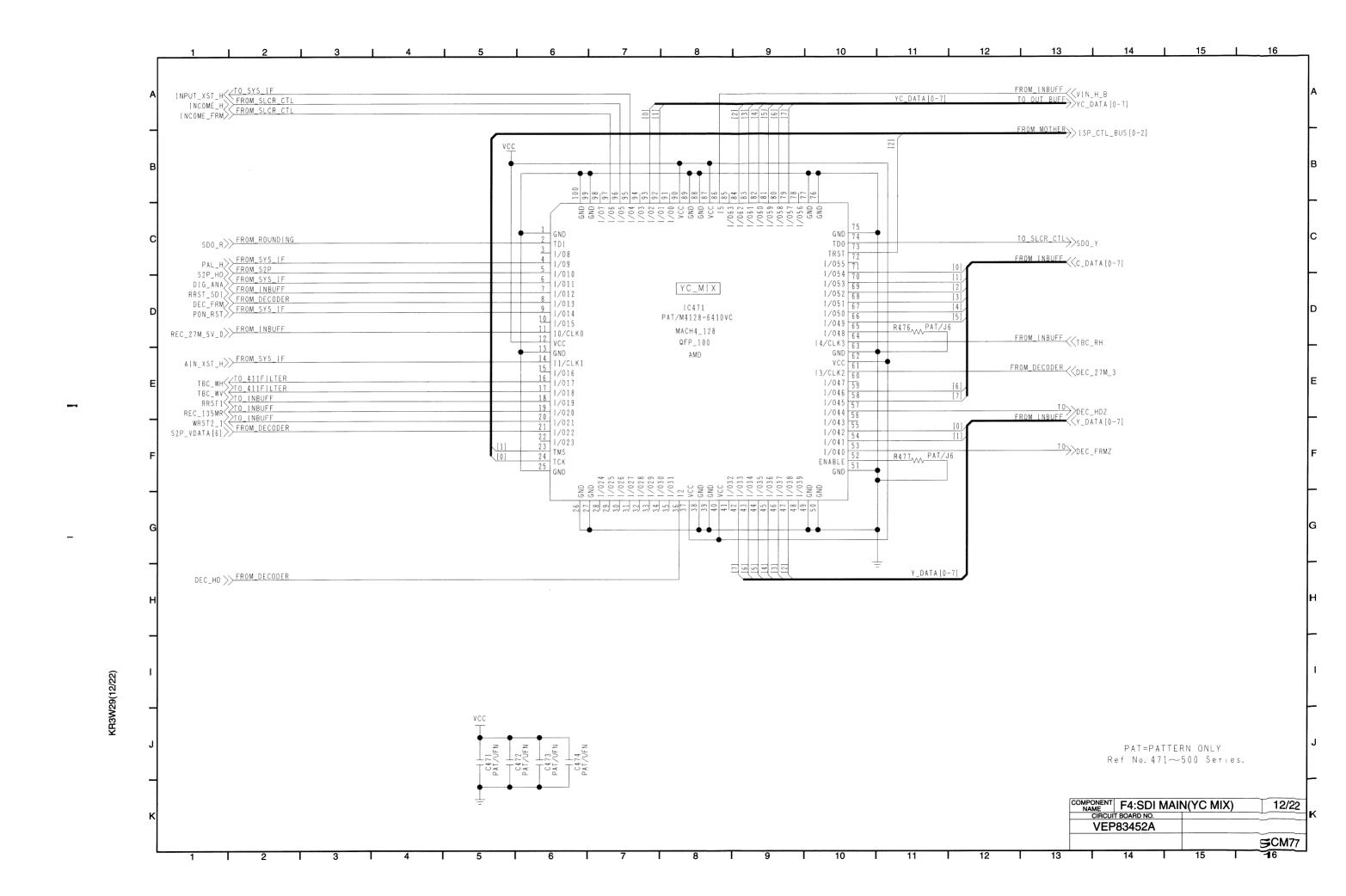


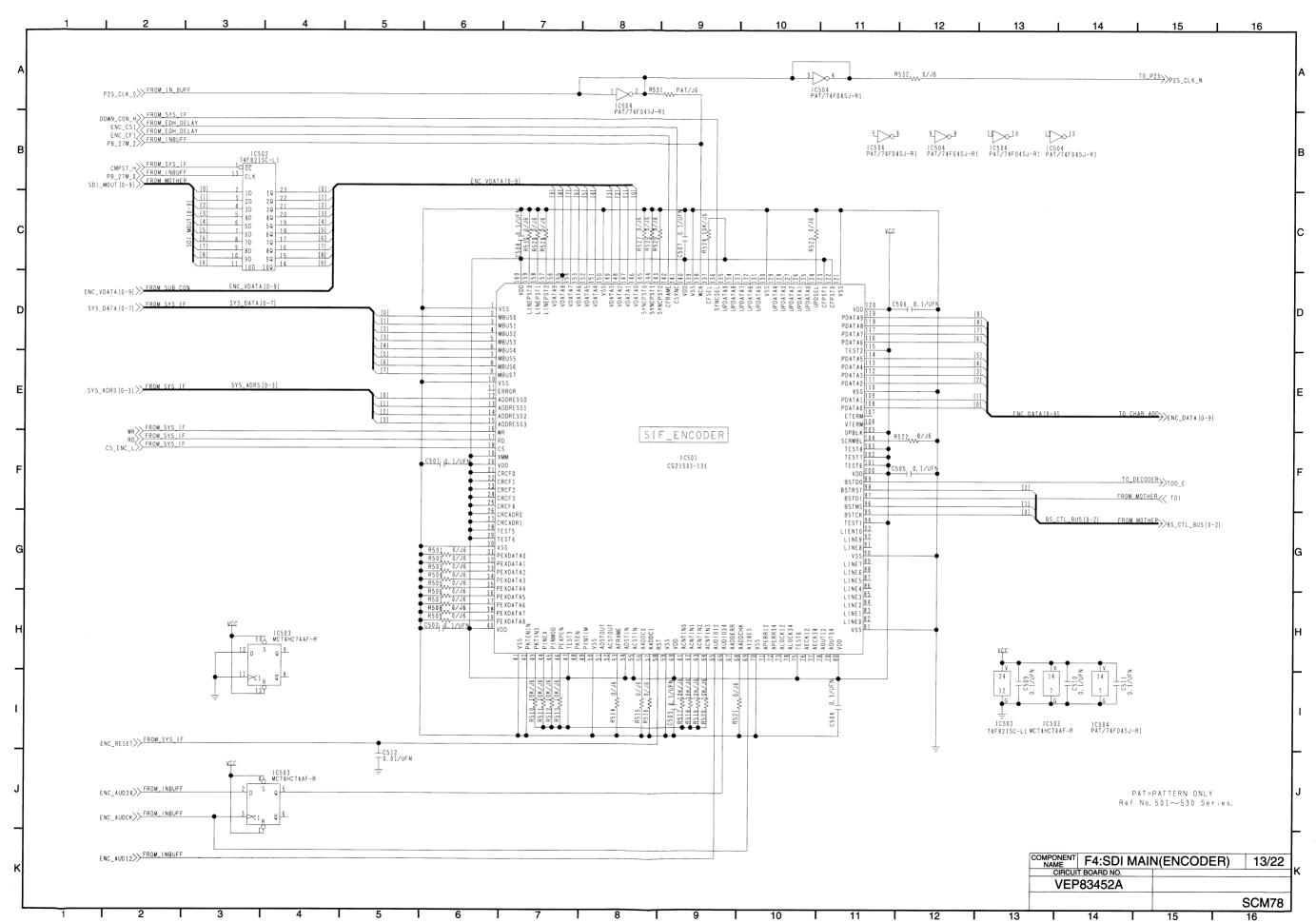


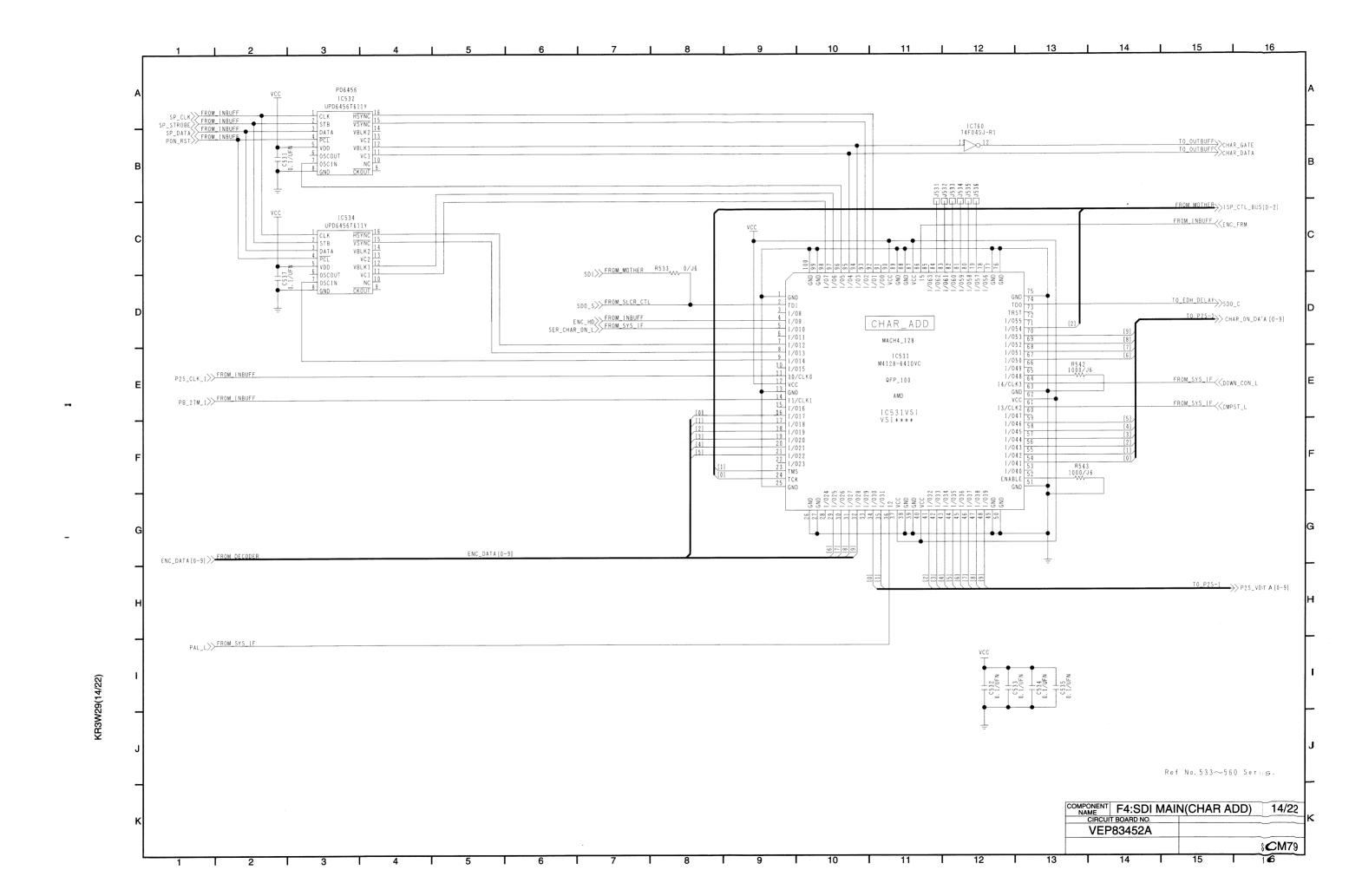


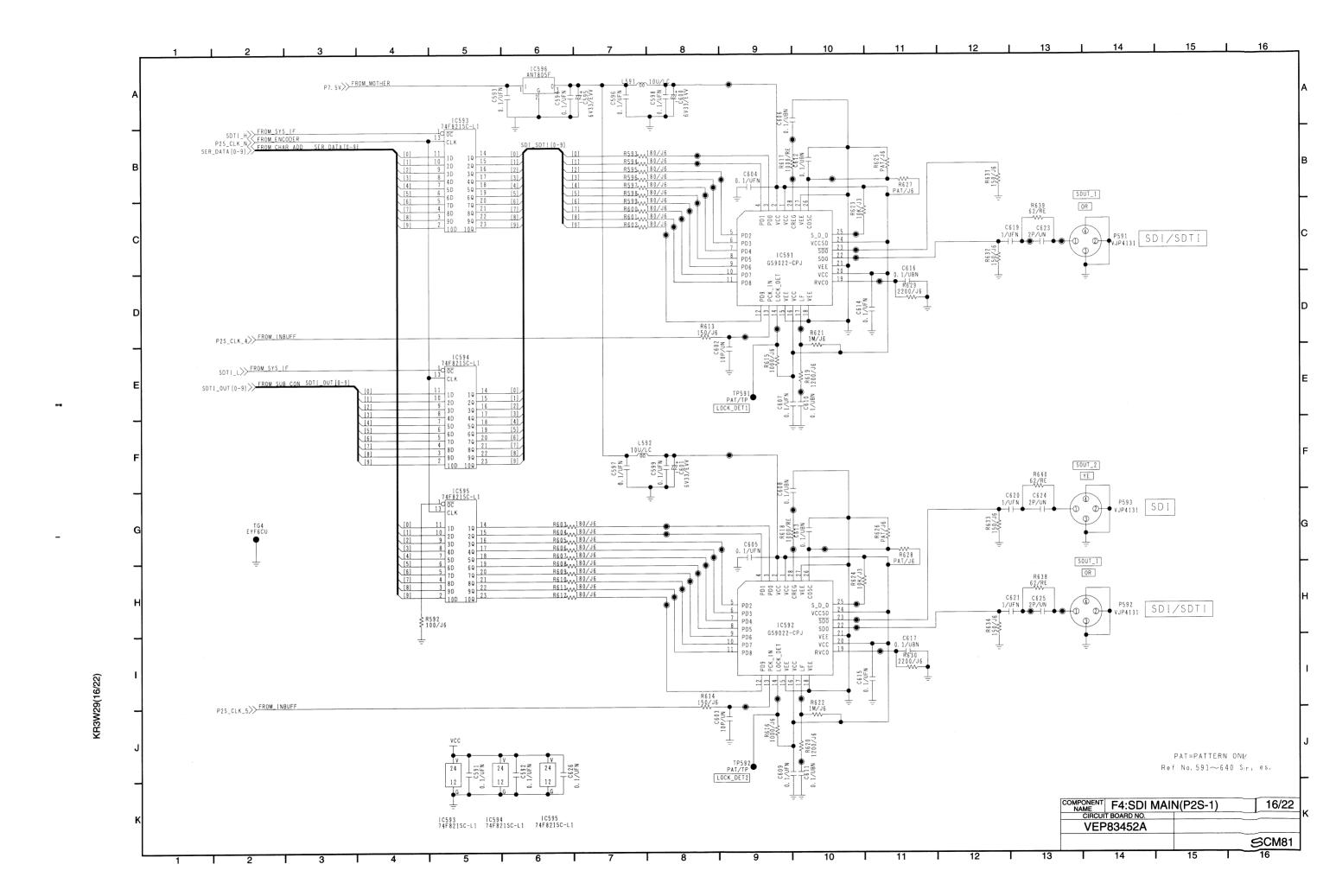


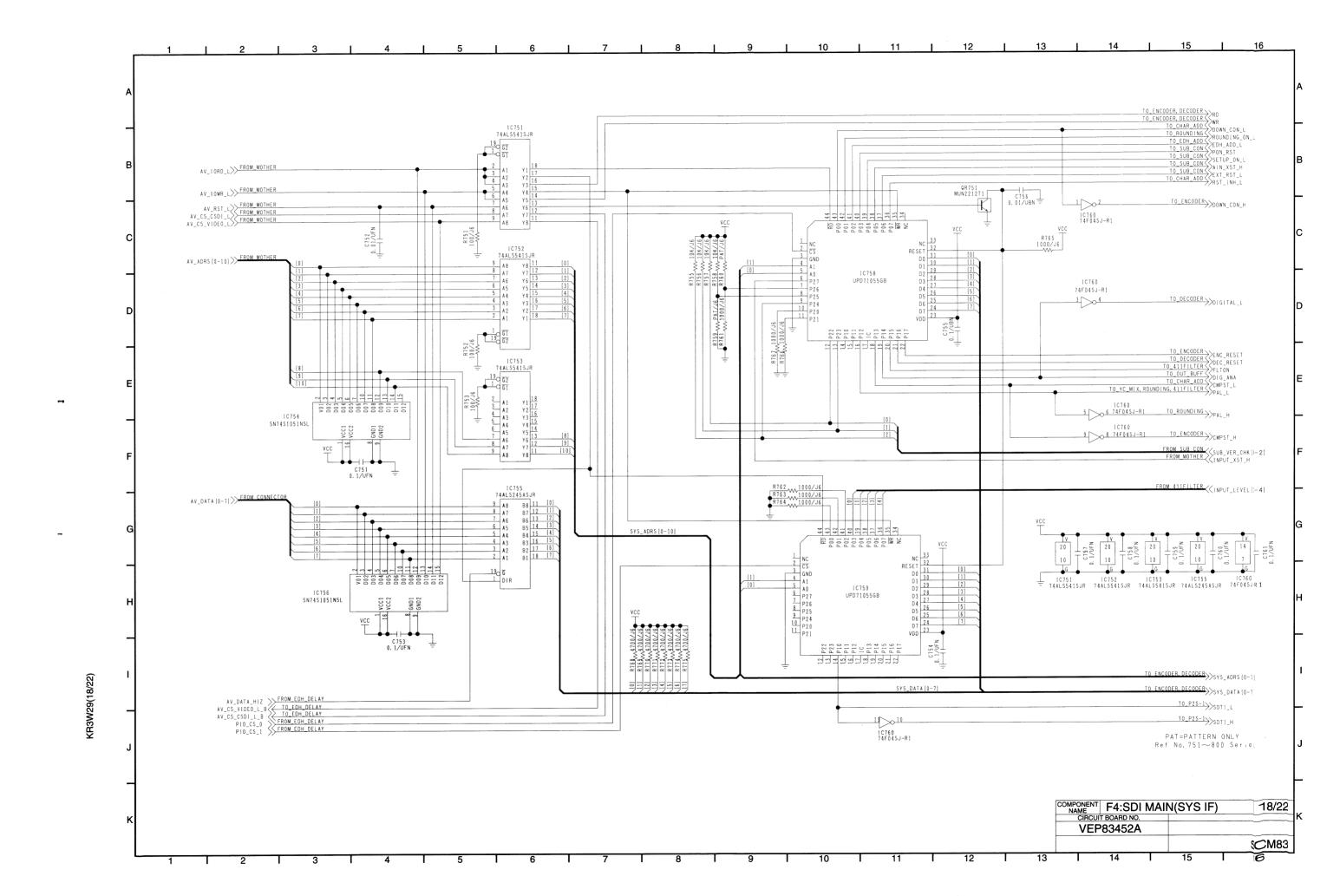




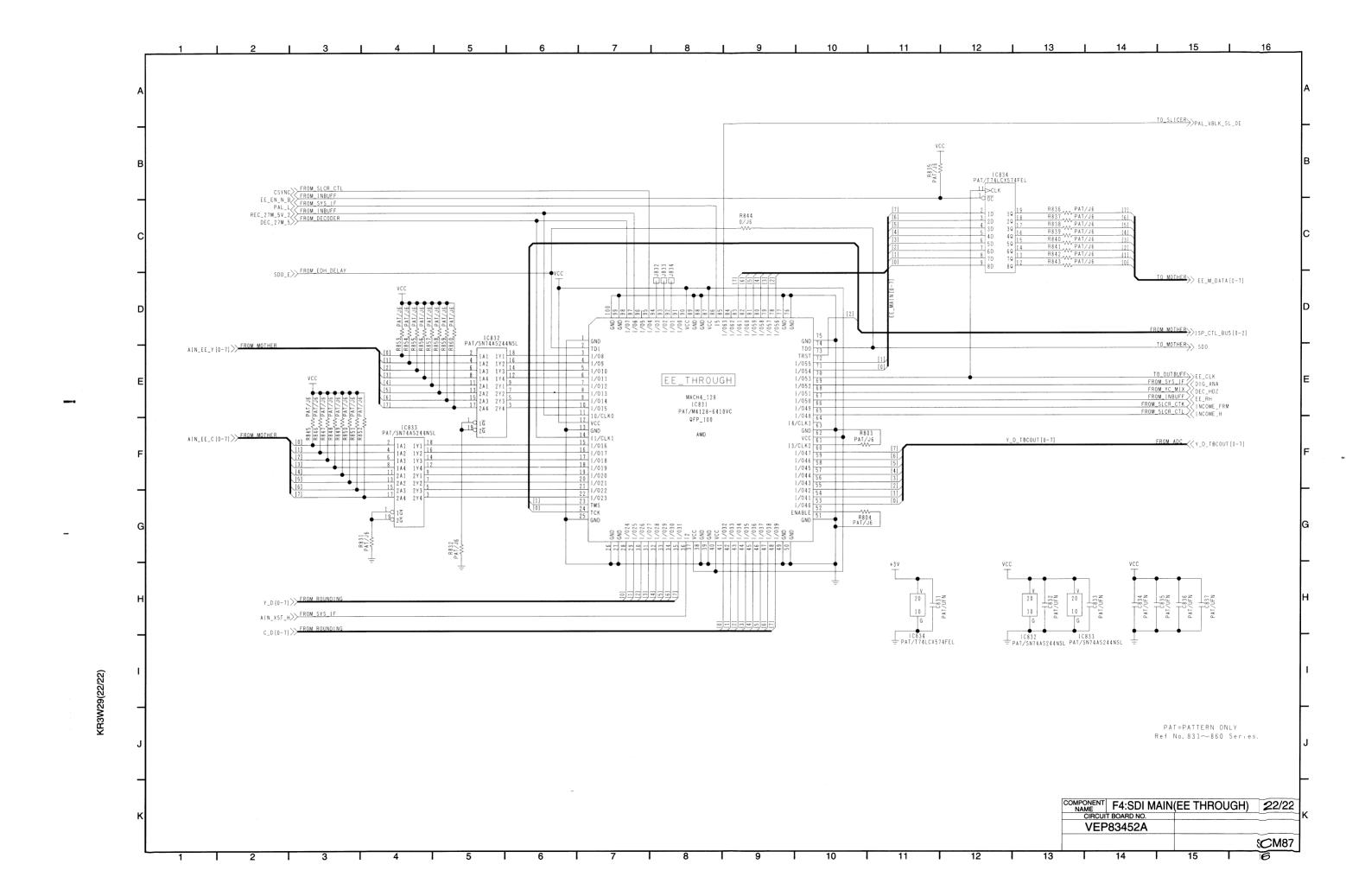


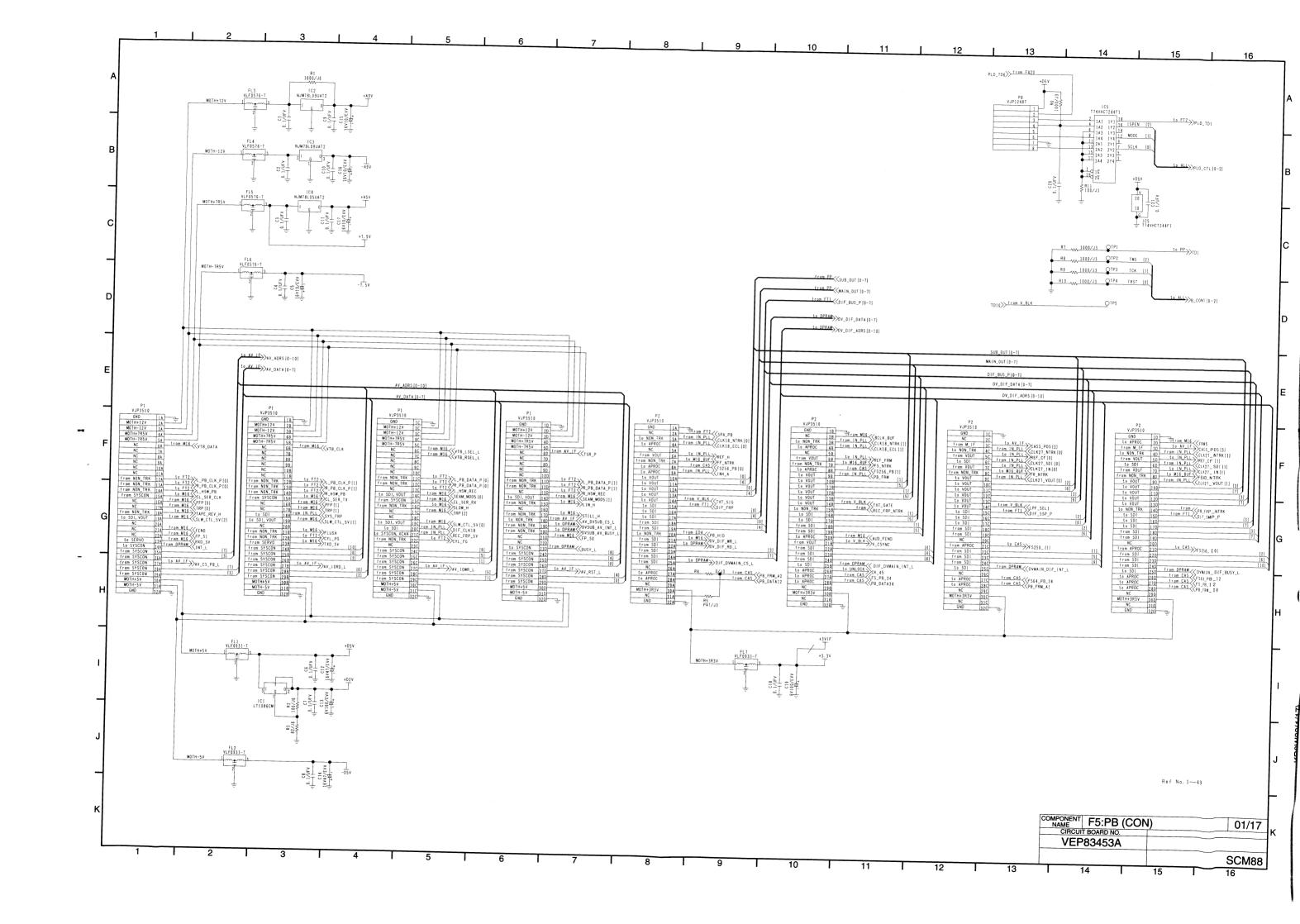


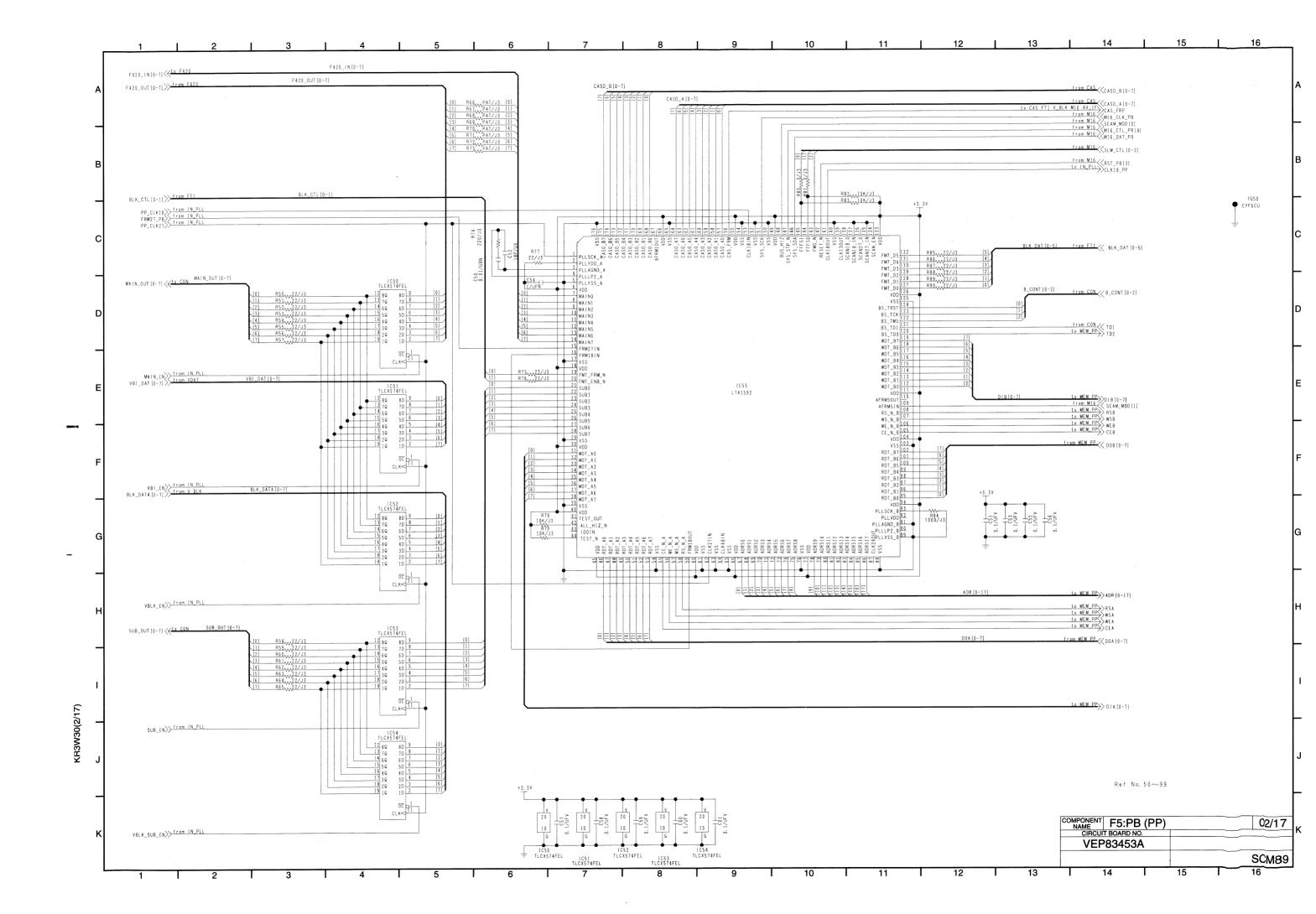




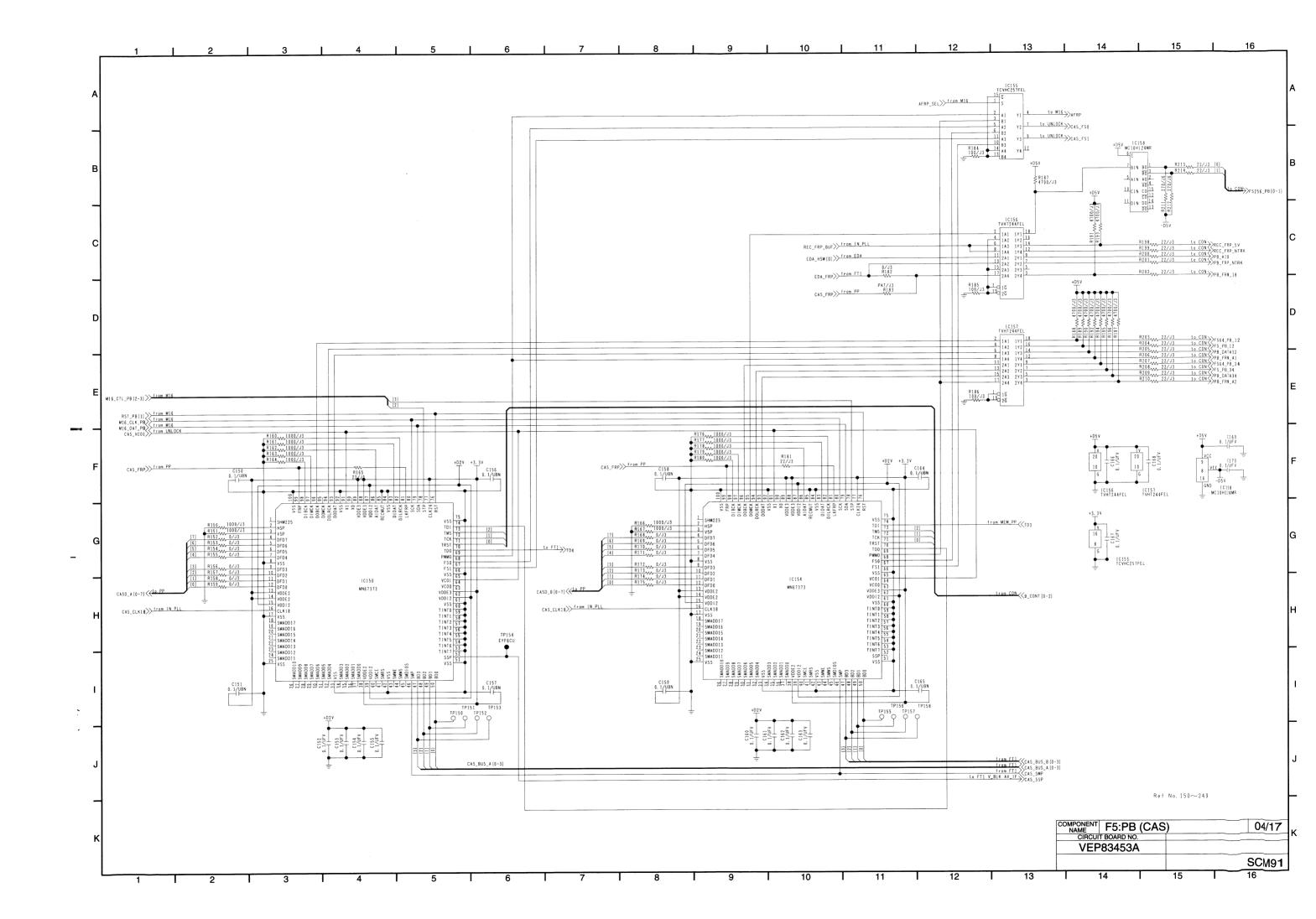
m-st



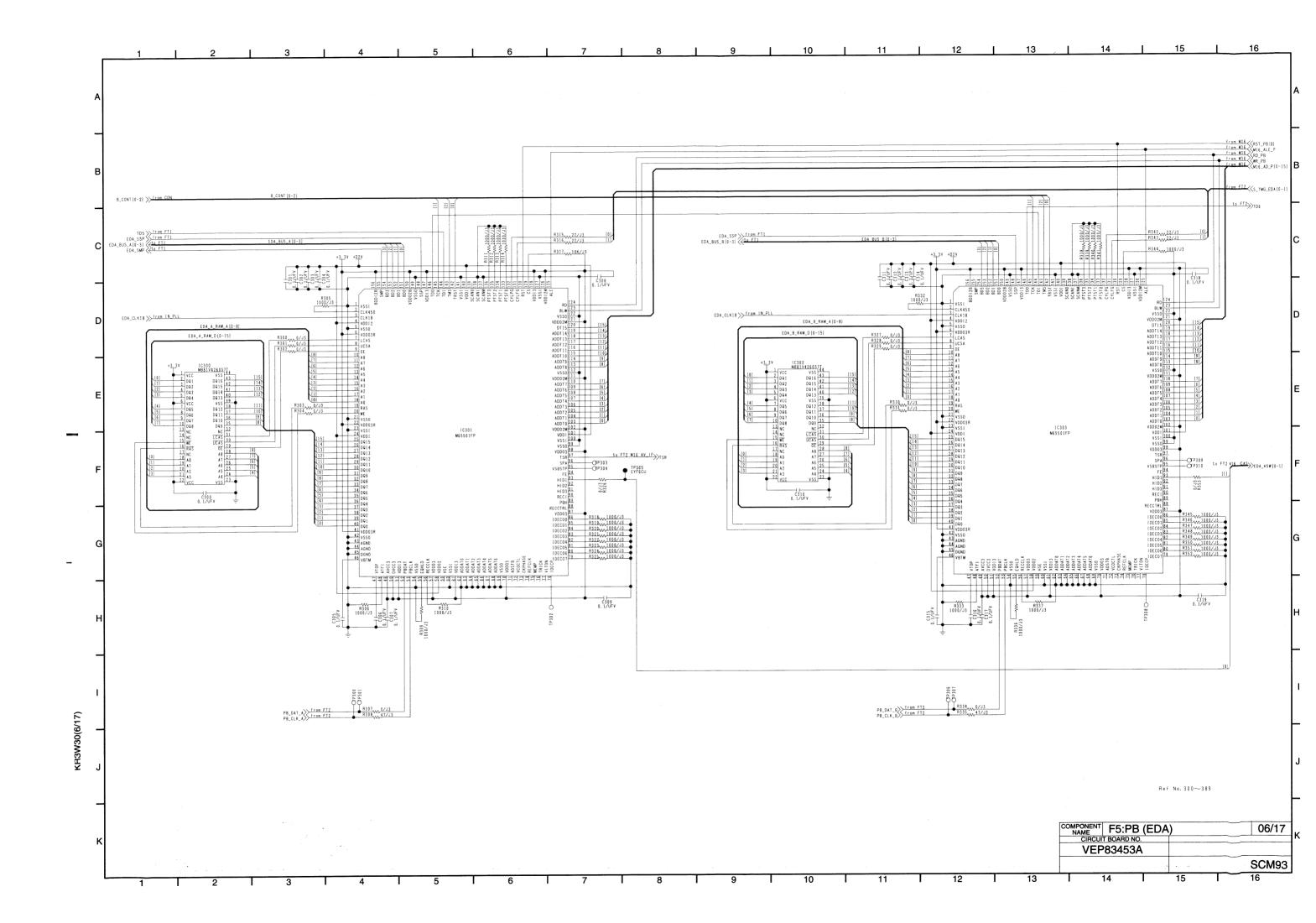


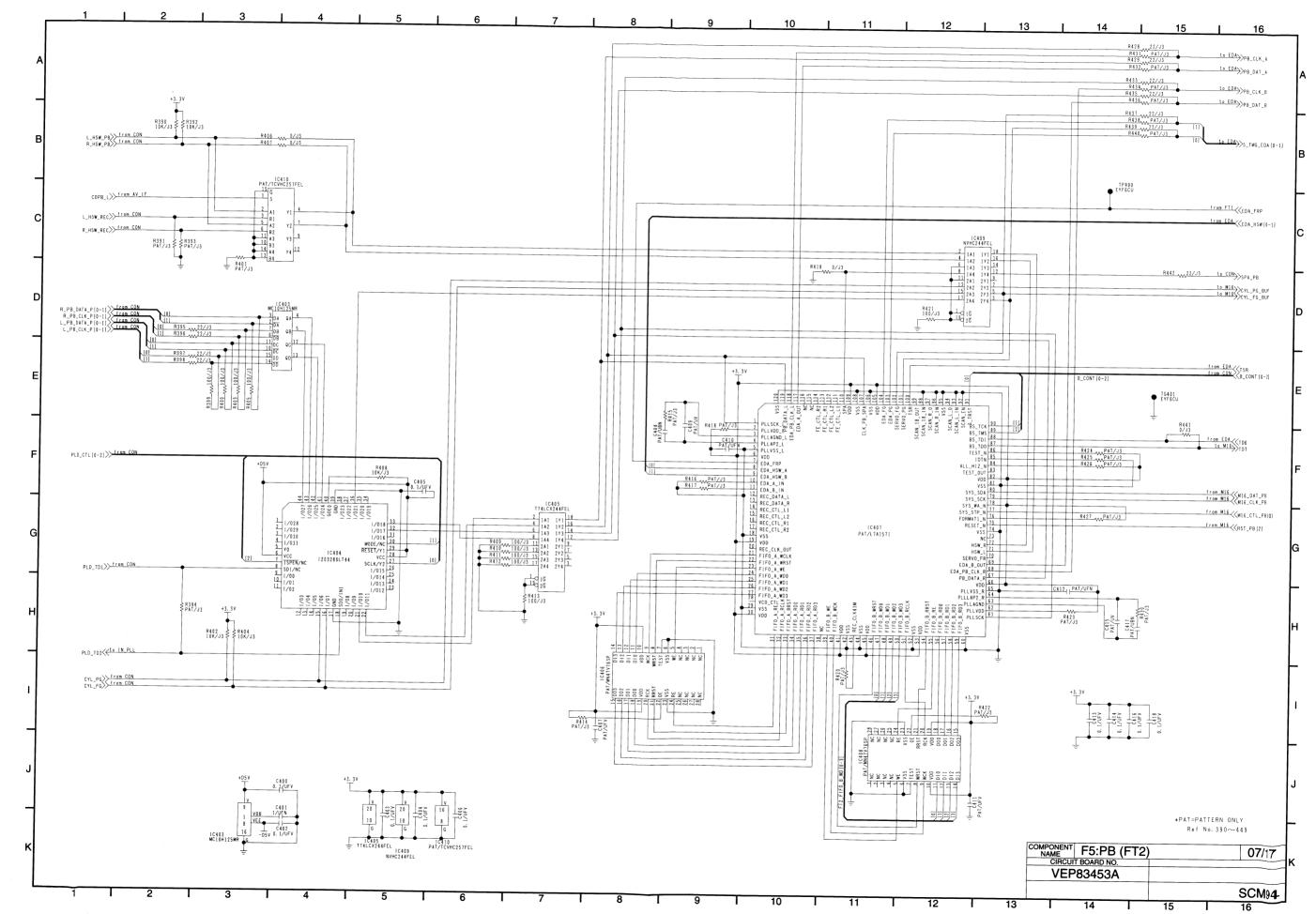


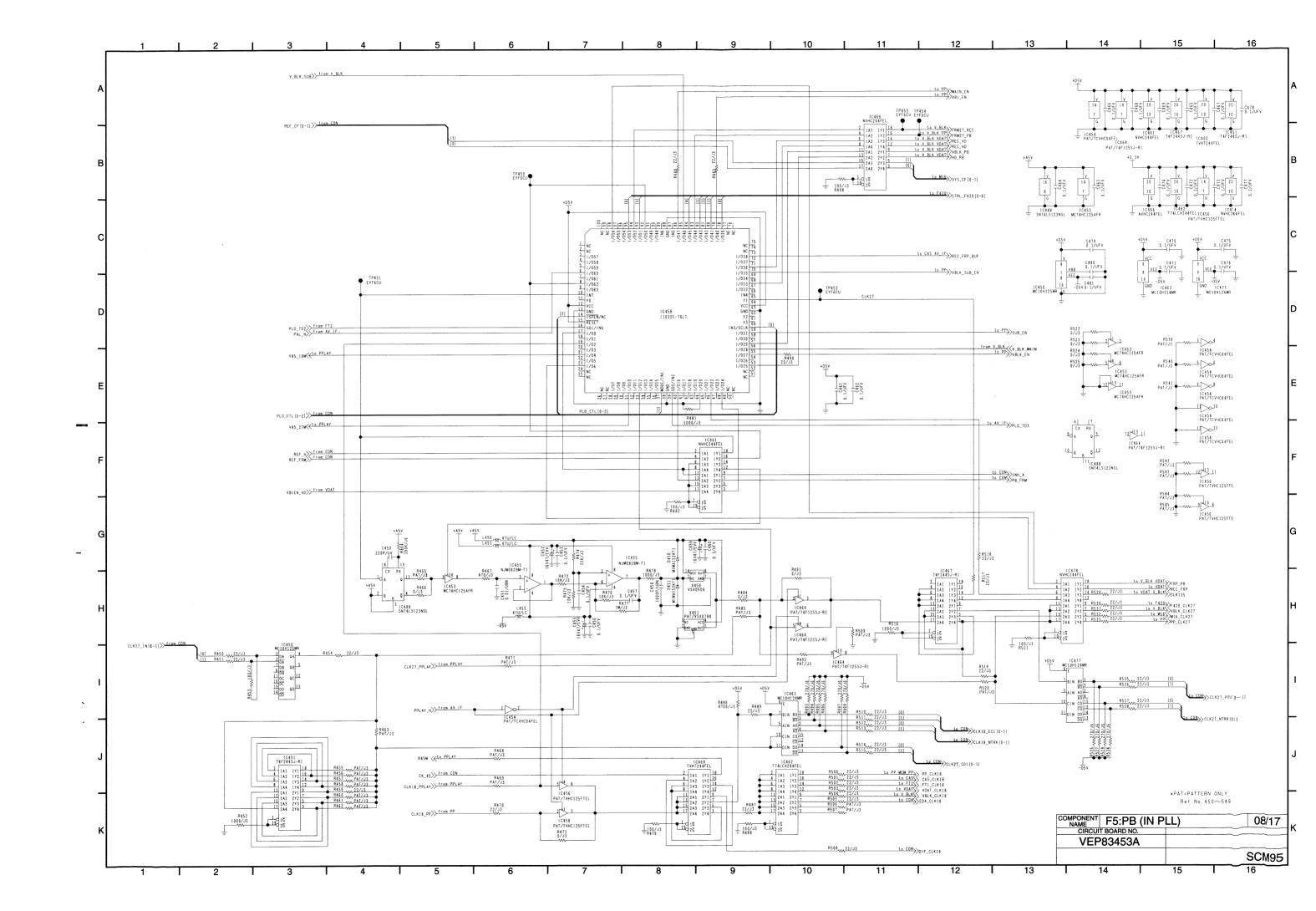
KR3W30(3/17)



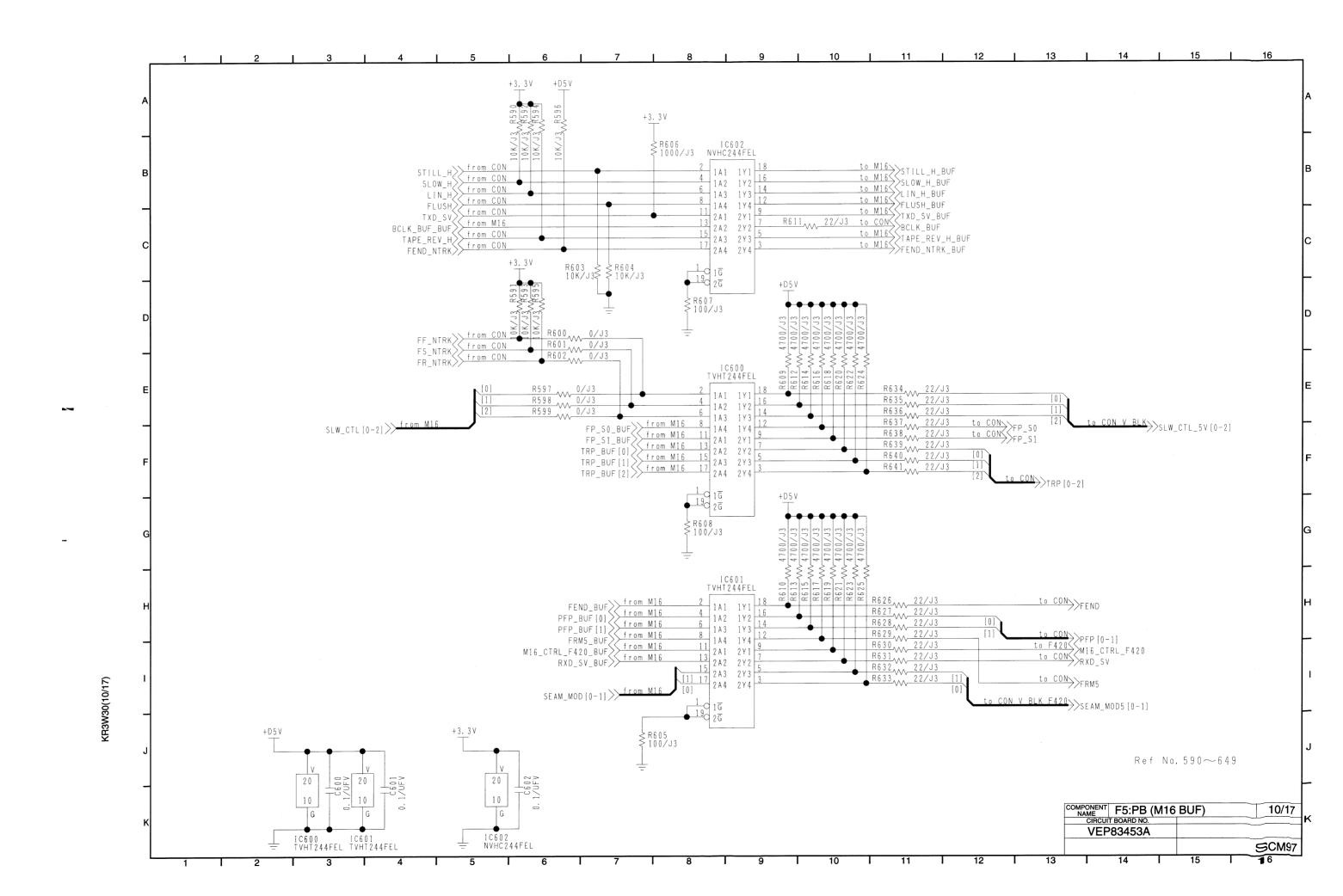
KR3W30(5/17)

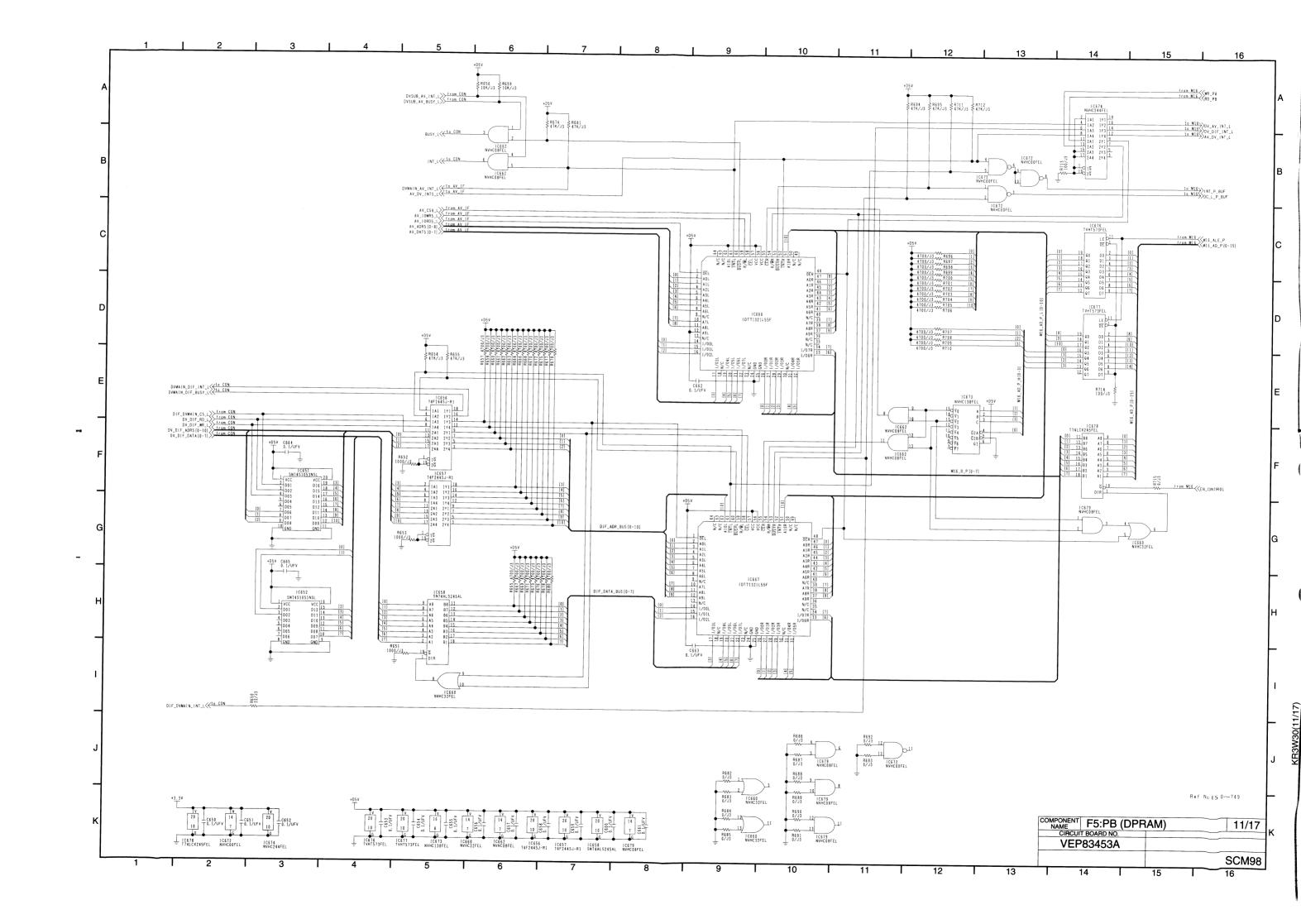


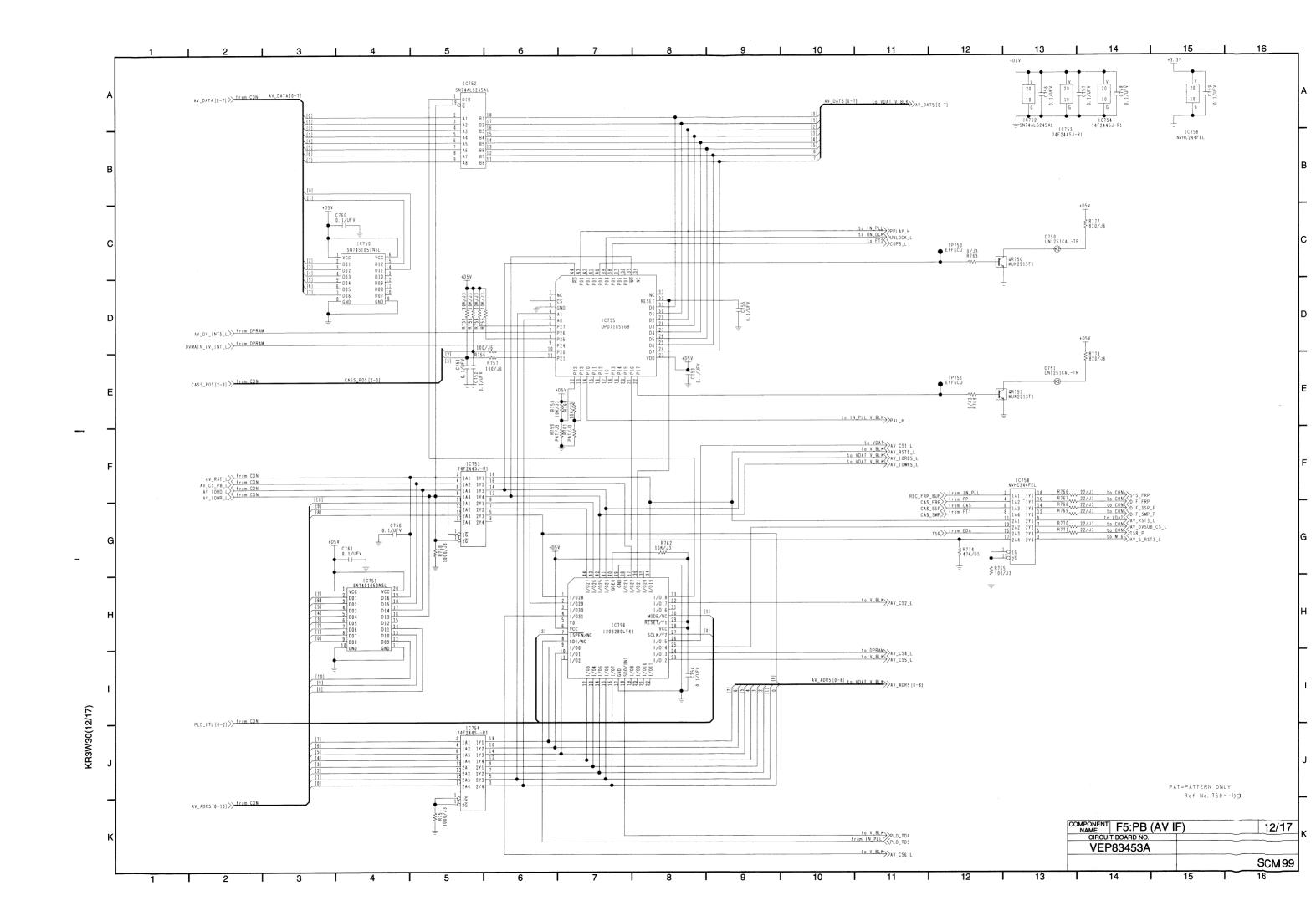




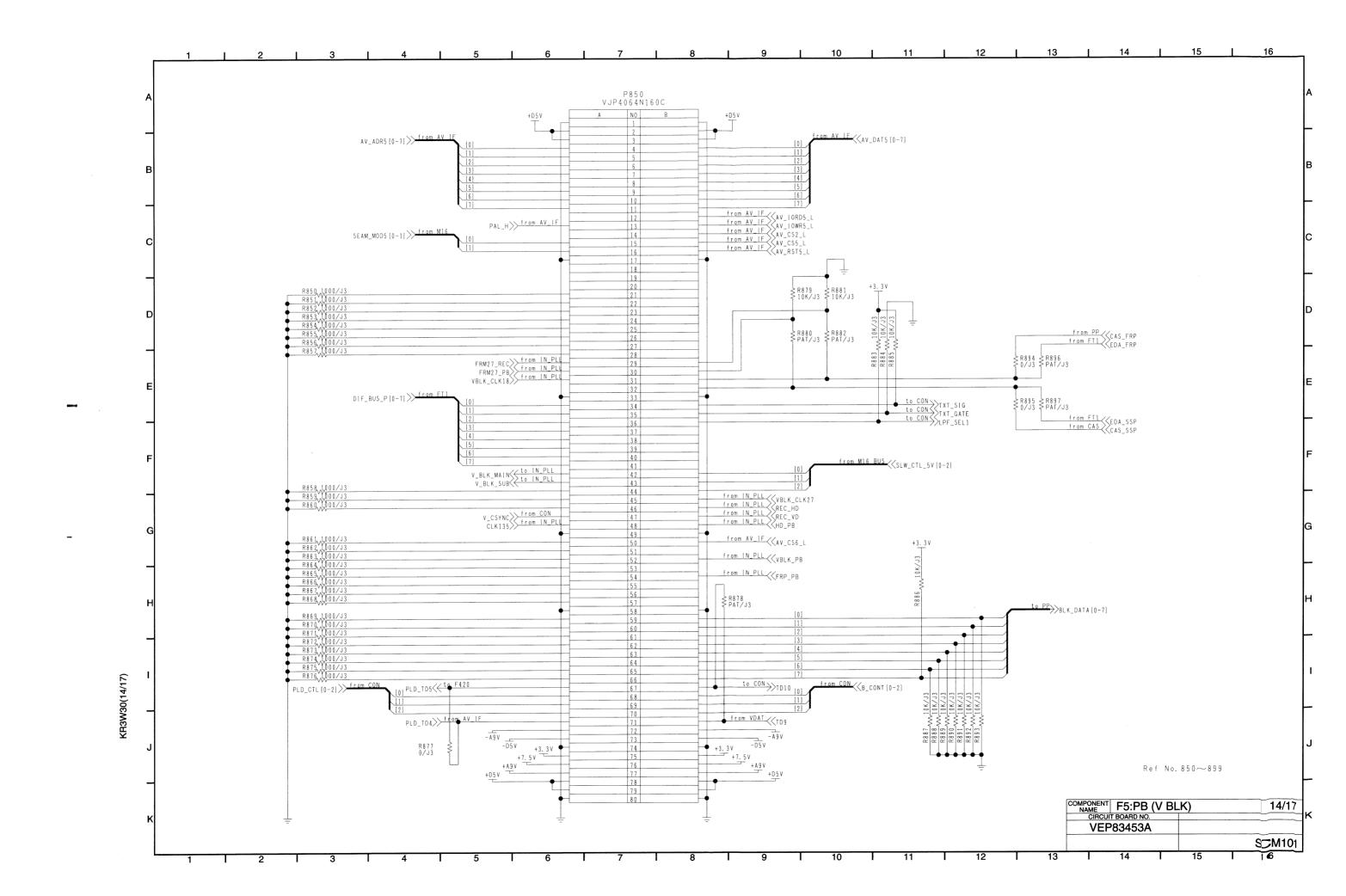
KR3W30(9/17)

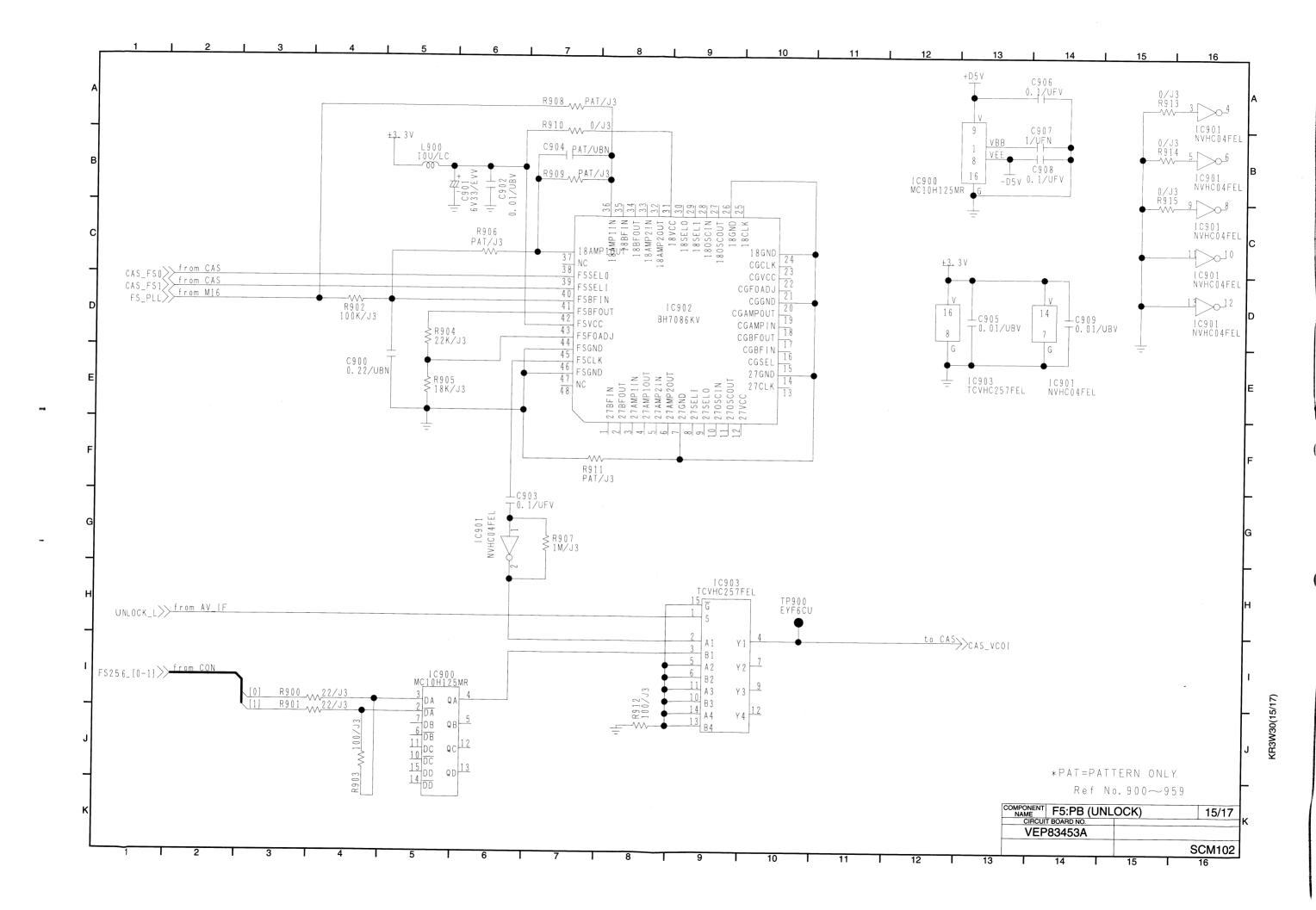


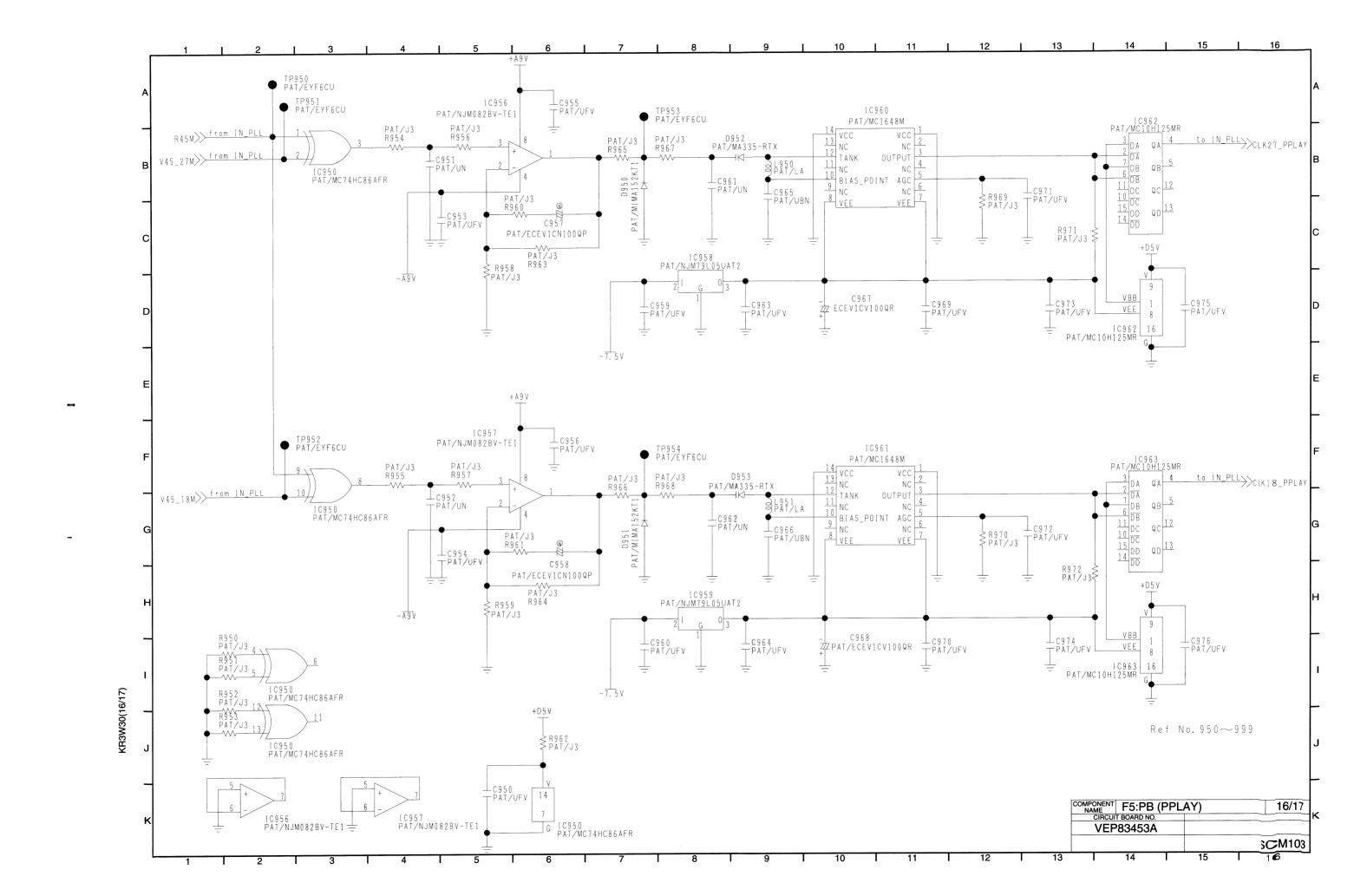


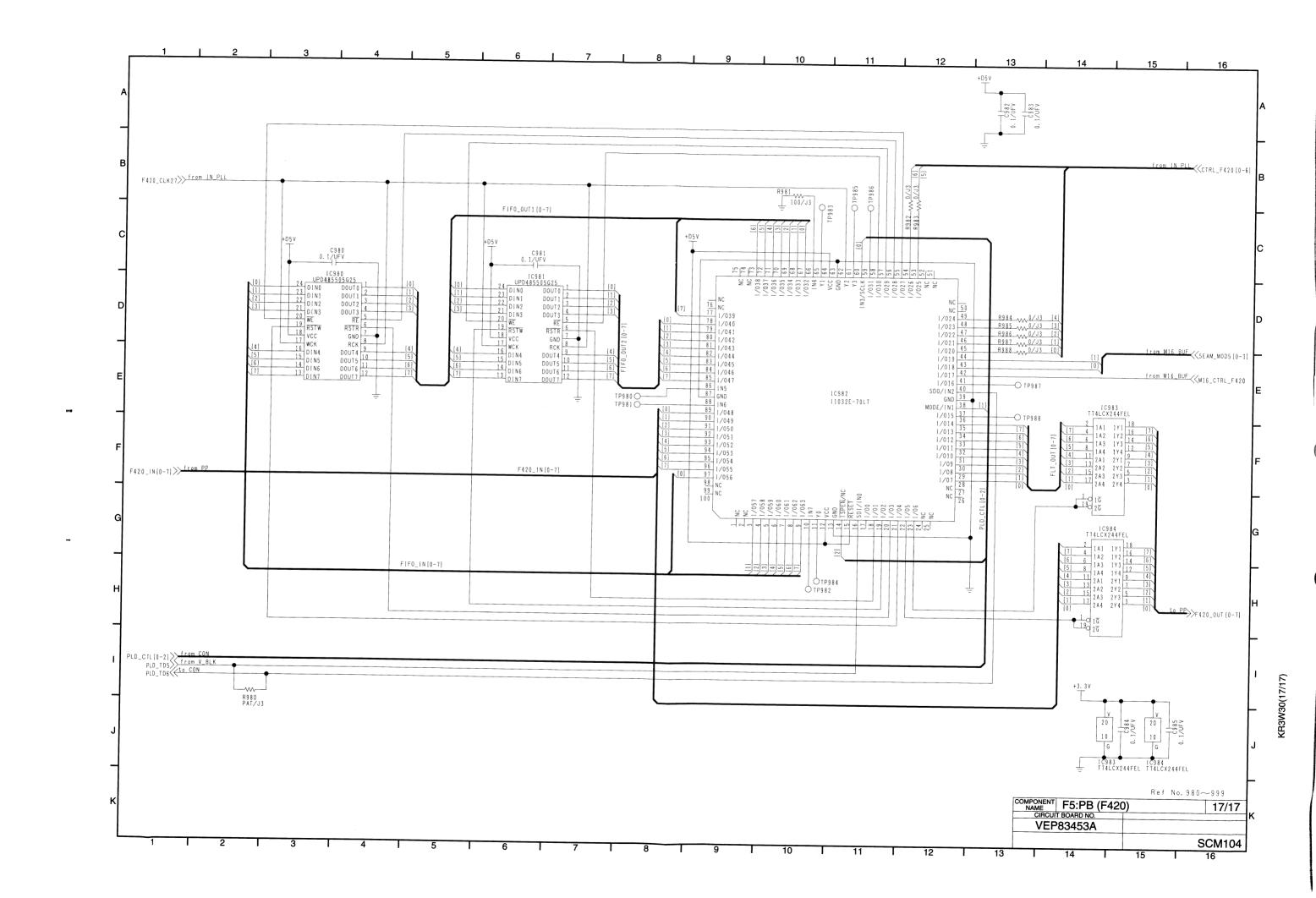


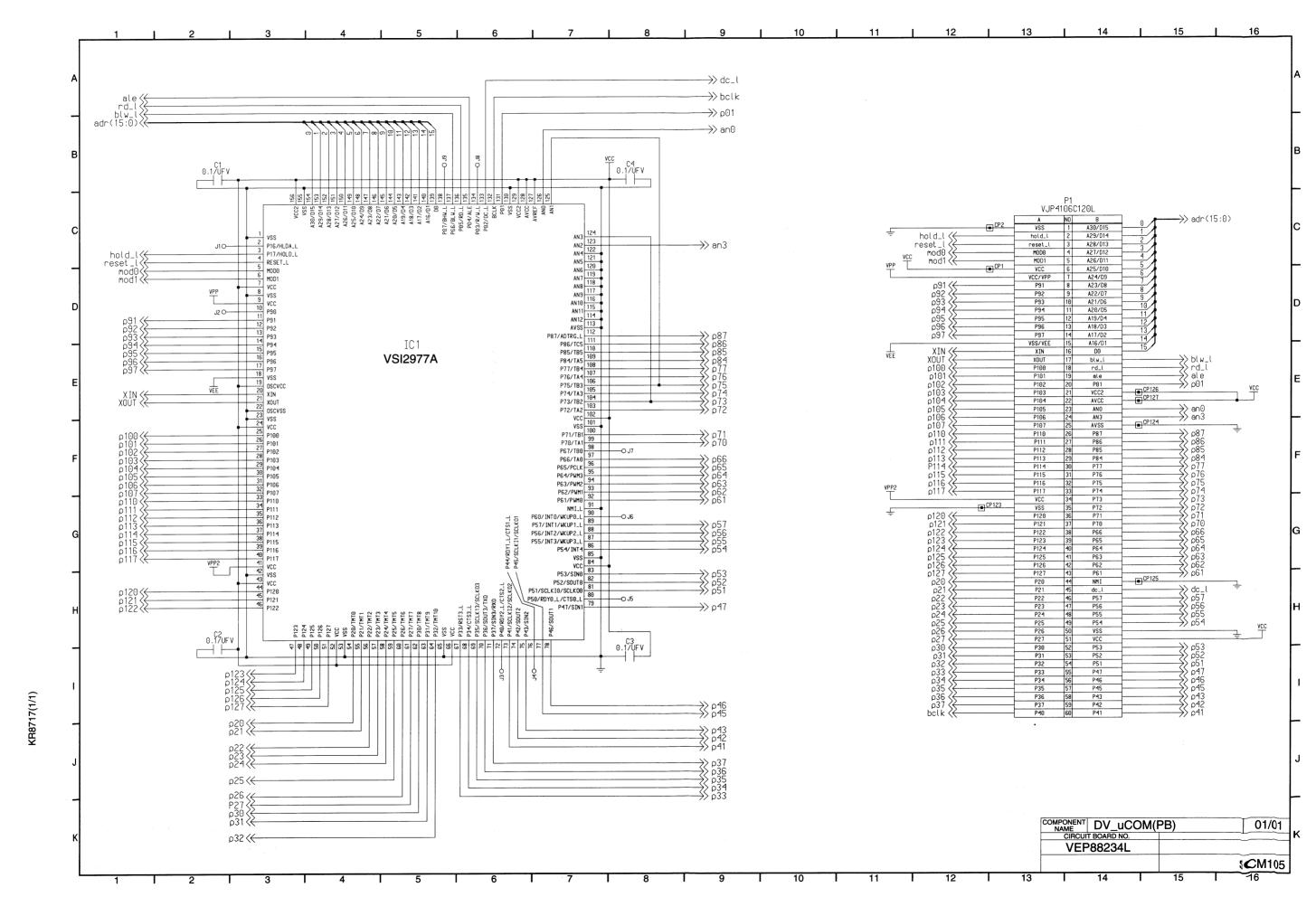
KR3W30(13/17

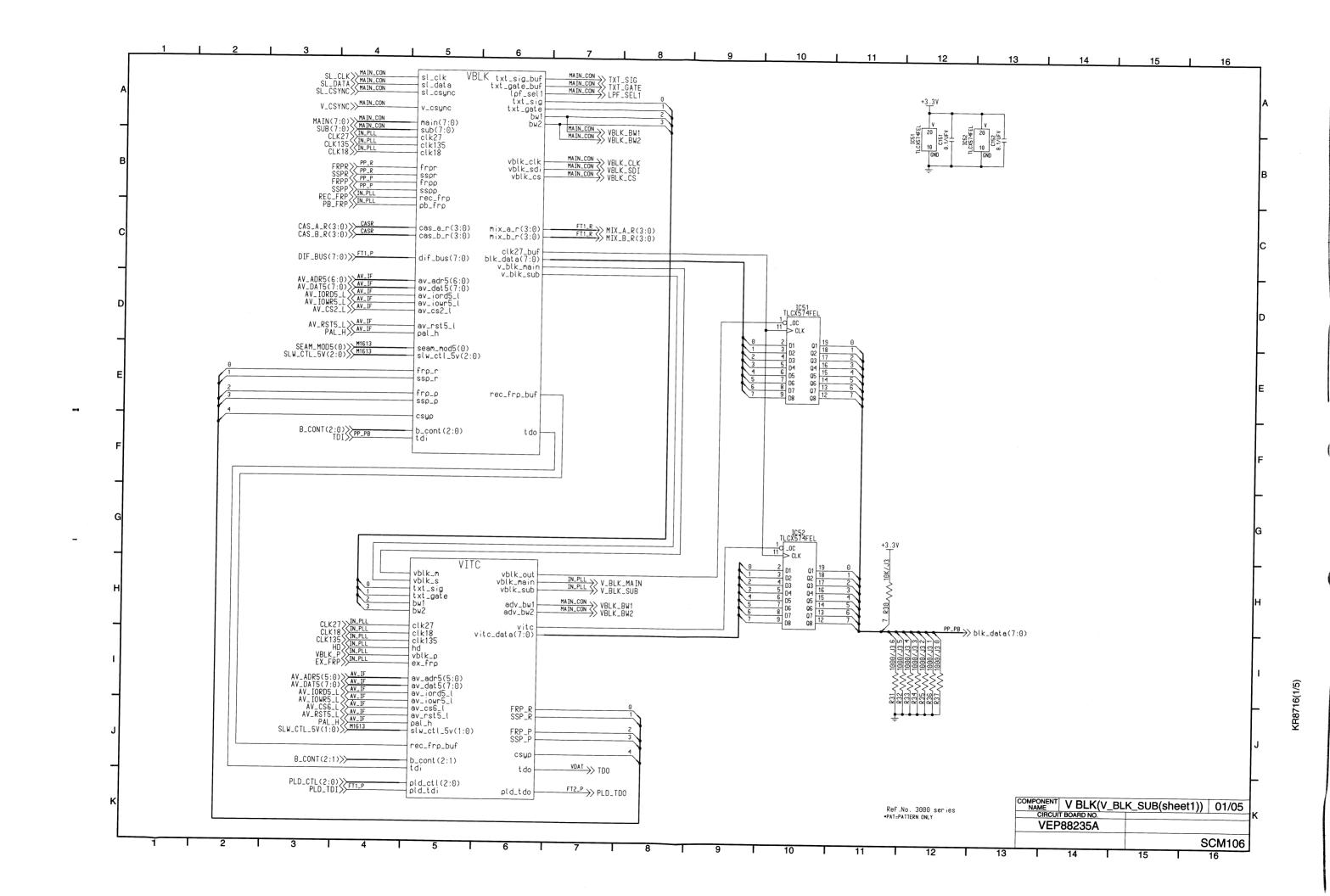


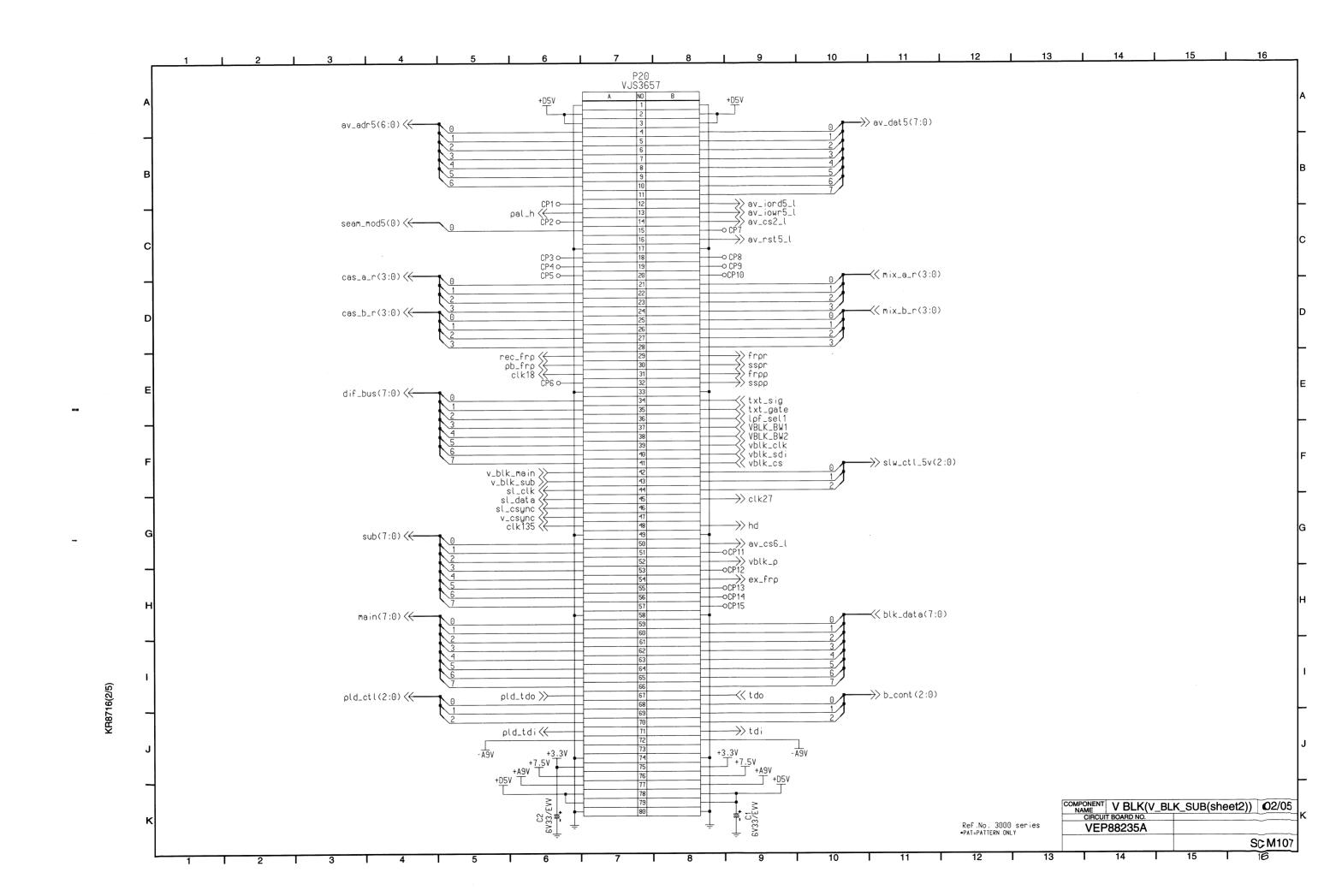


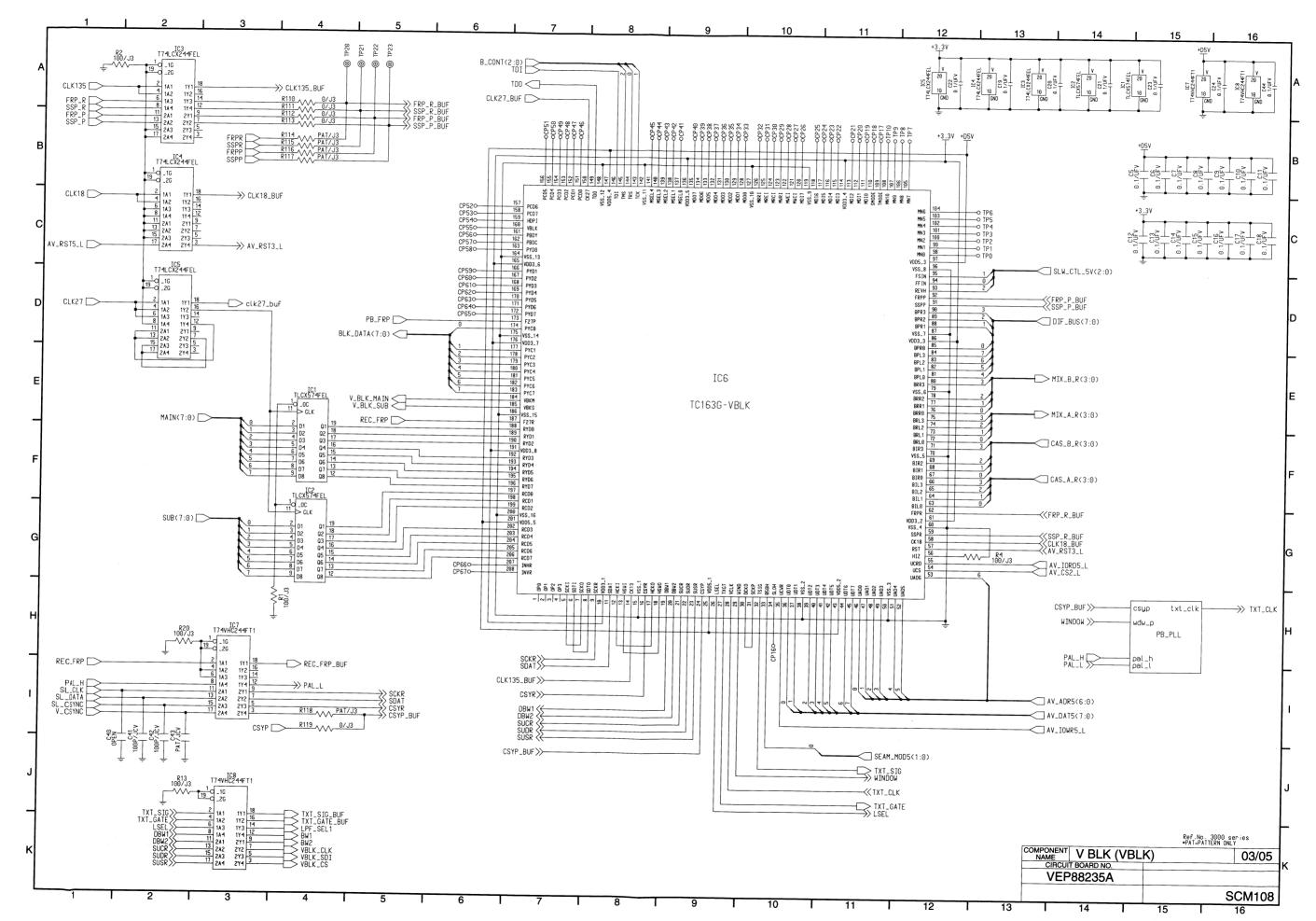


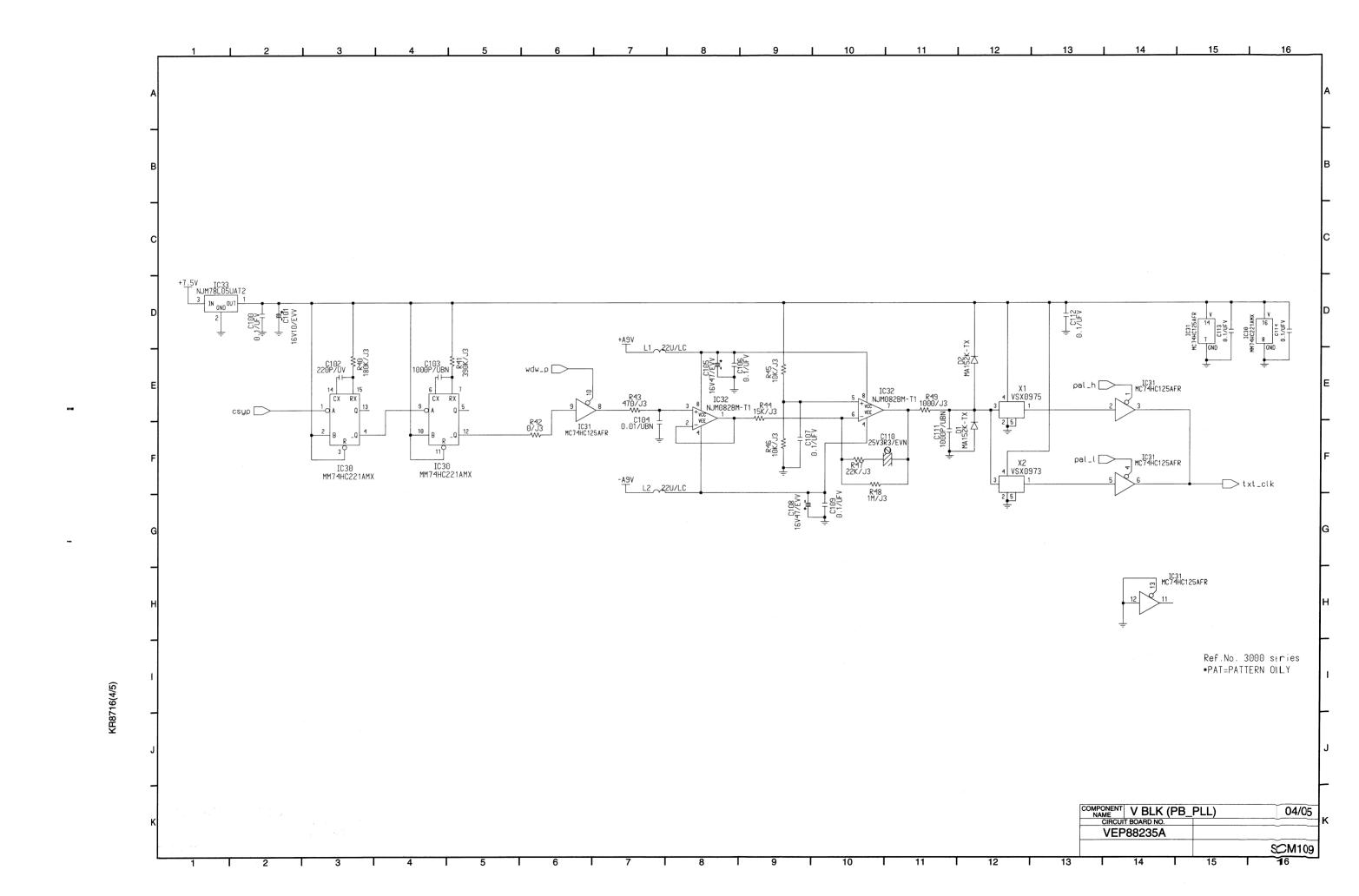




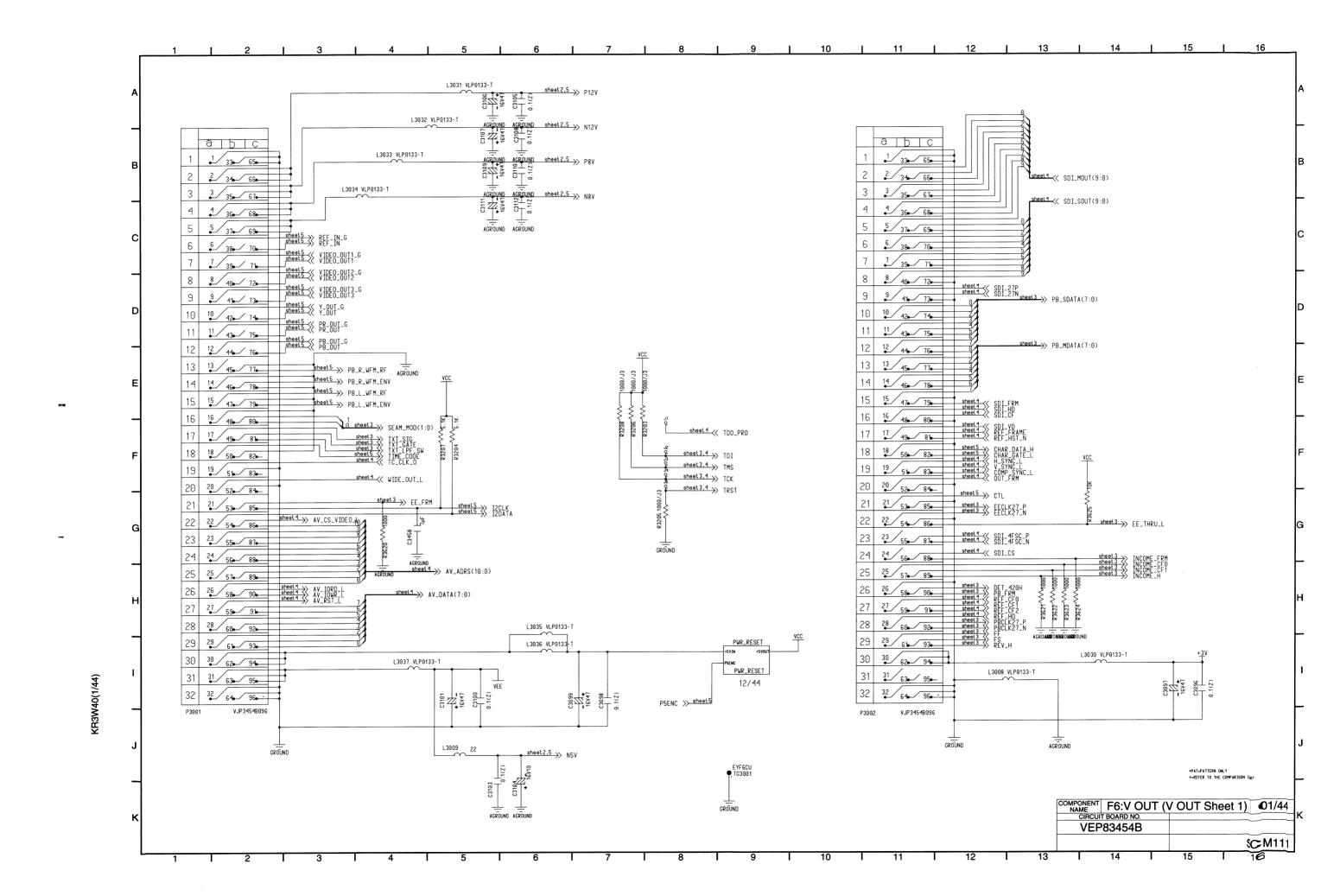




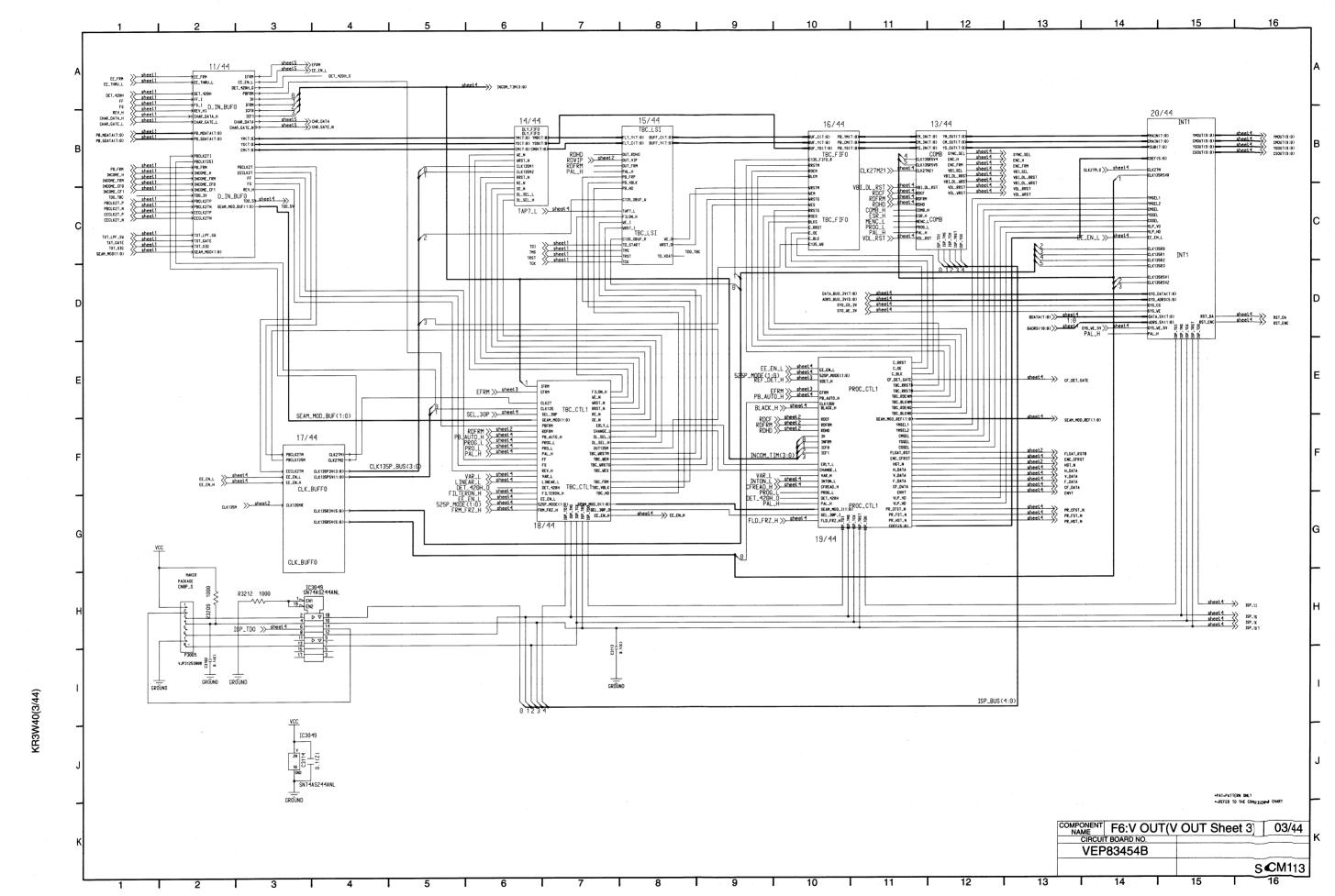




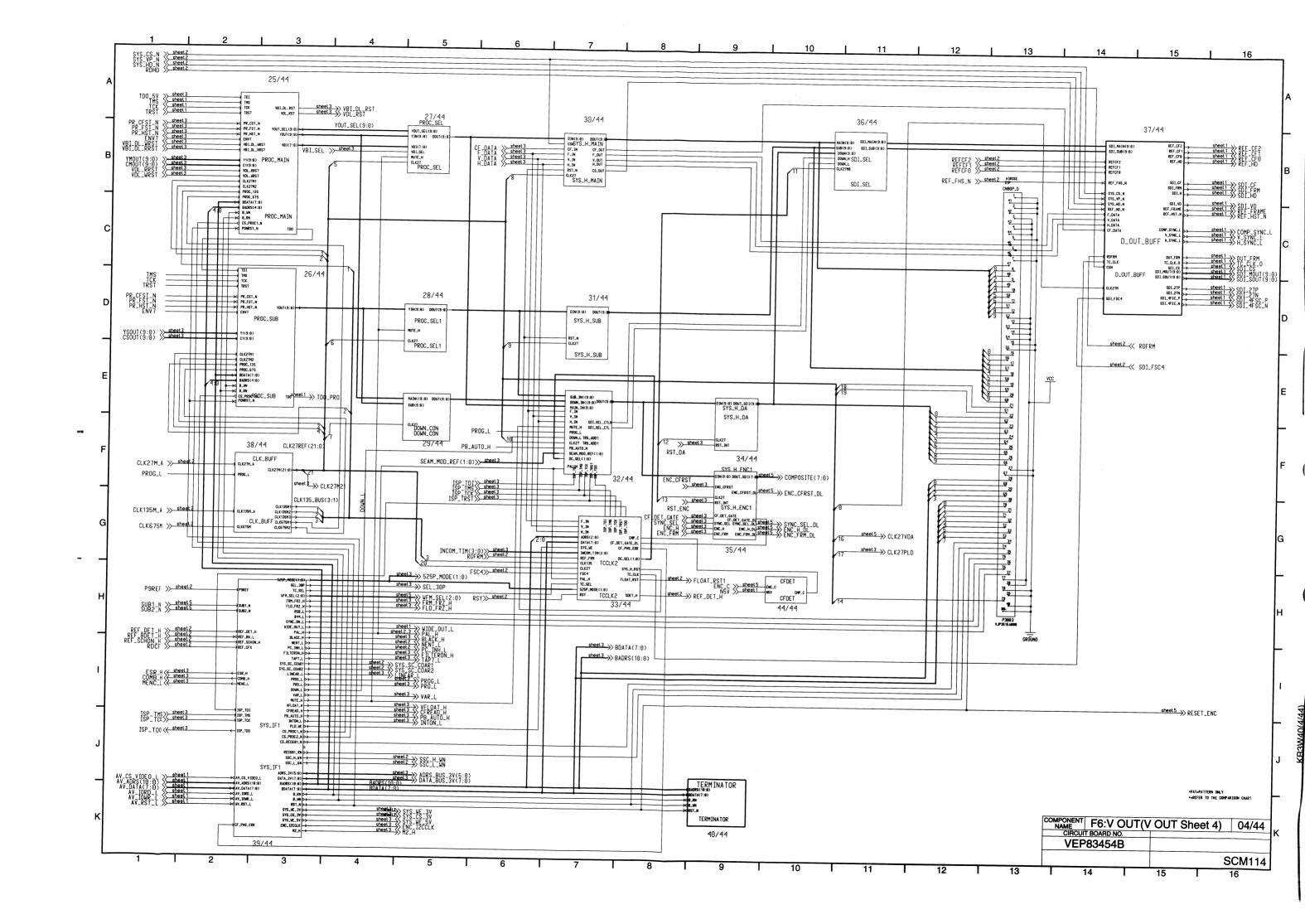
KR8716(5/5

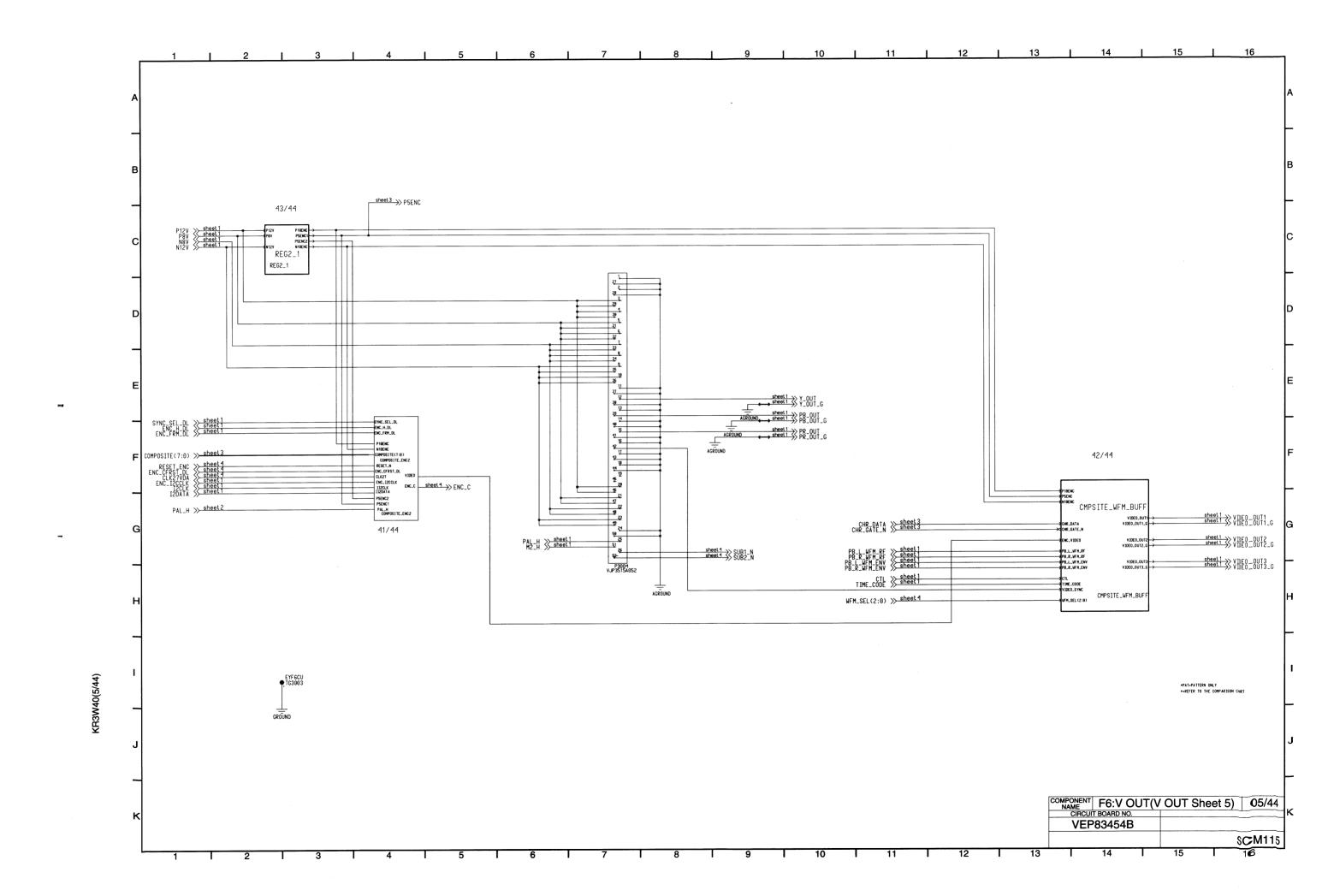


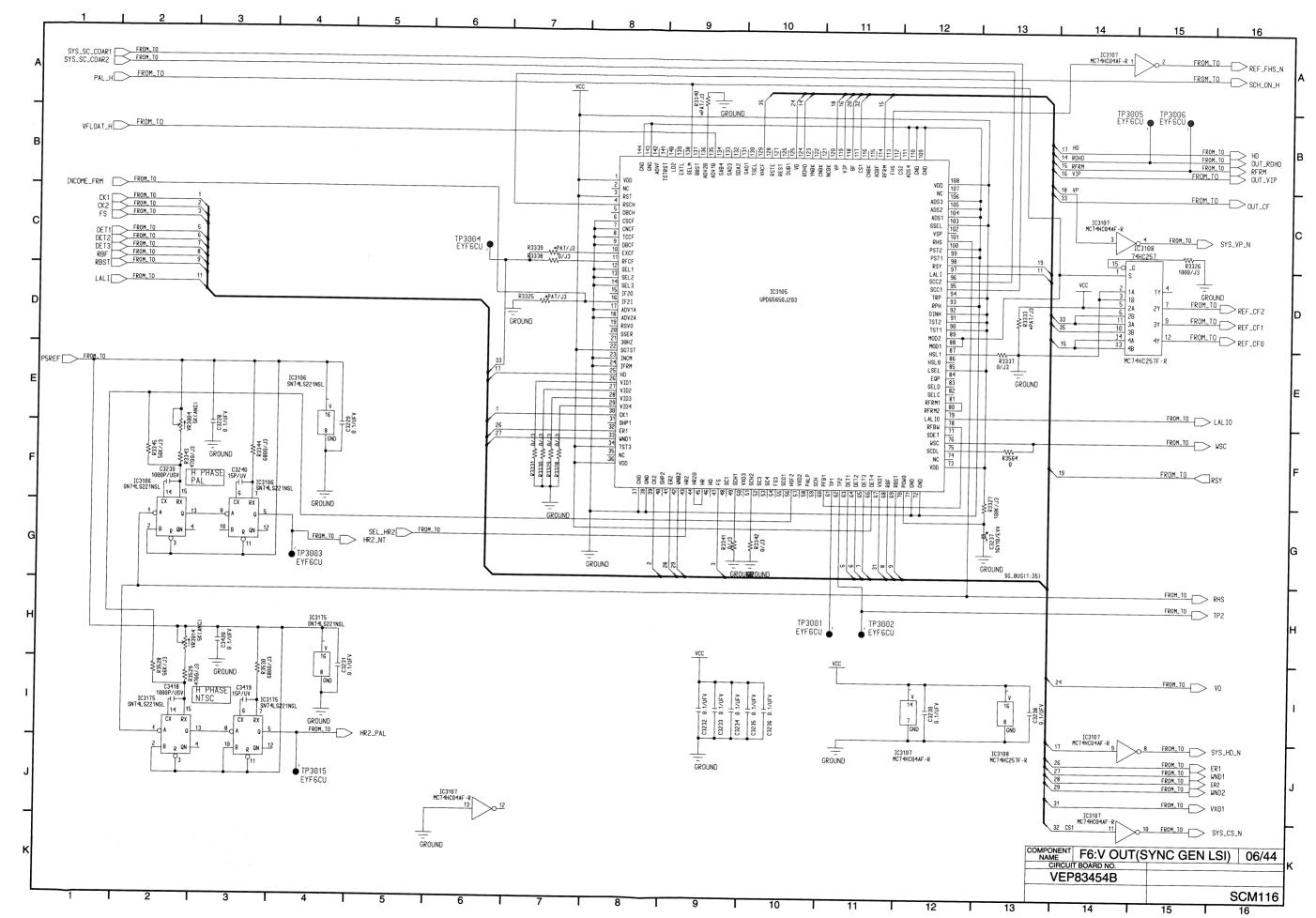
KR3W40(2/44)



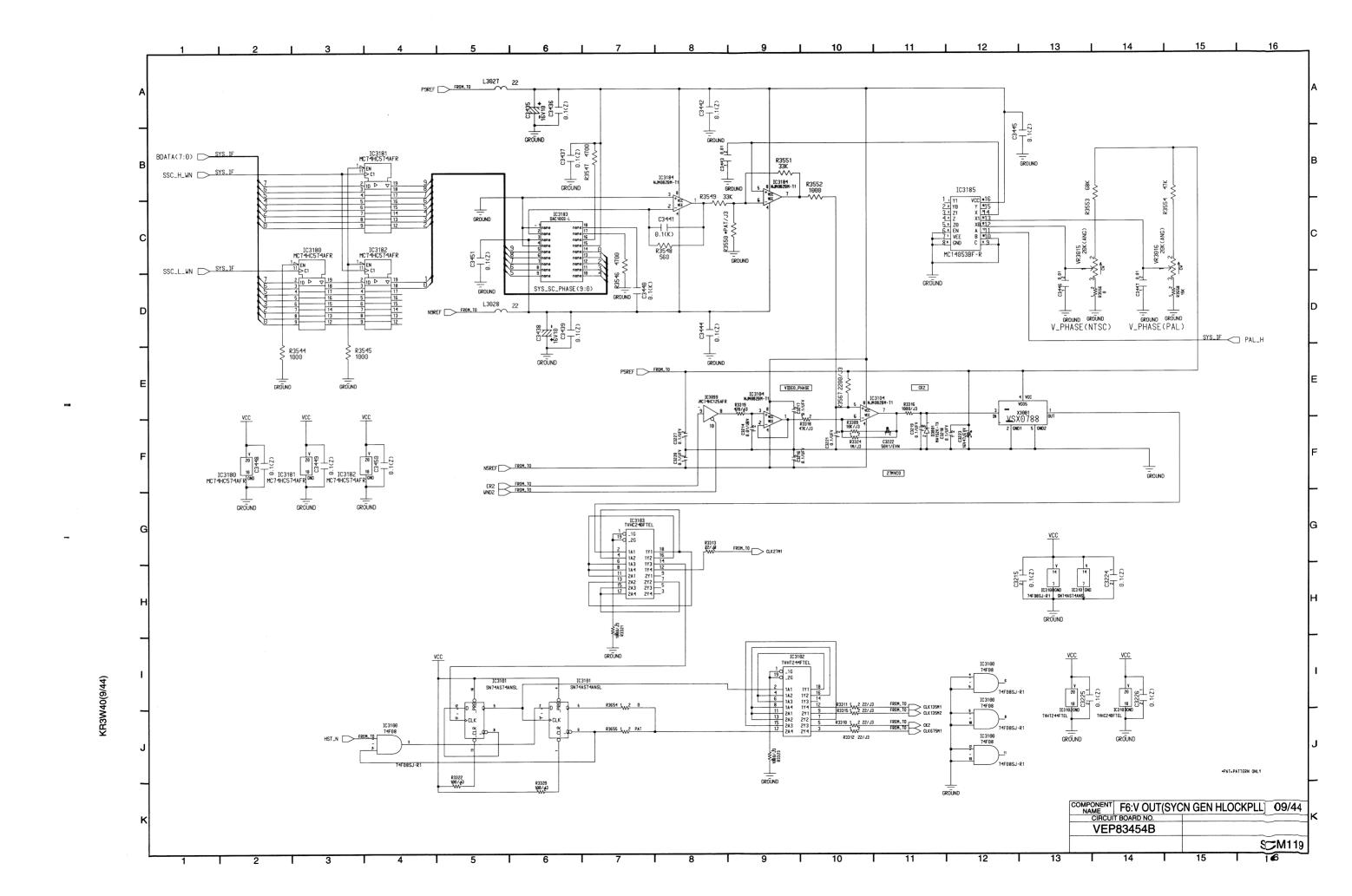
iteg

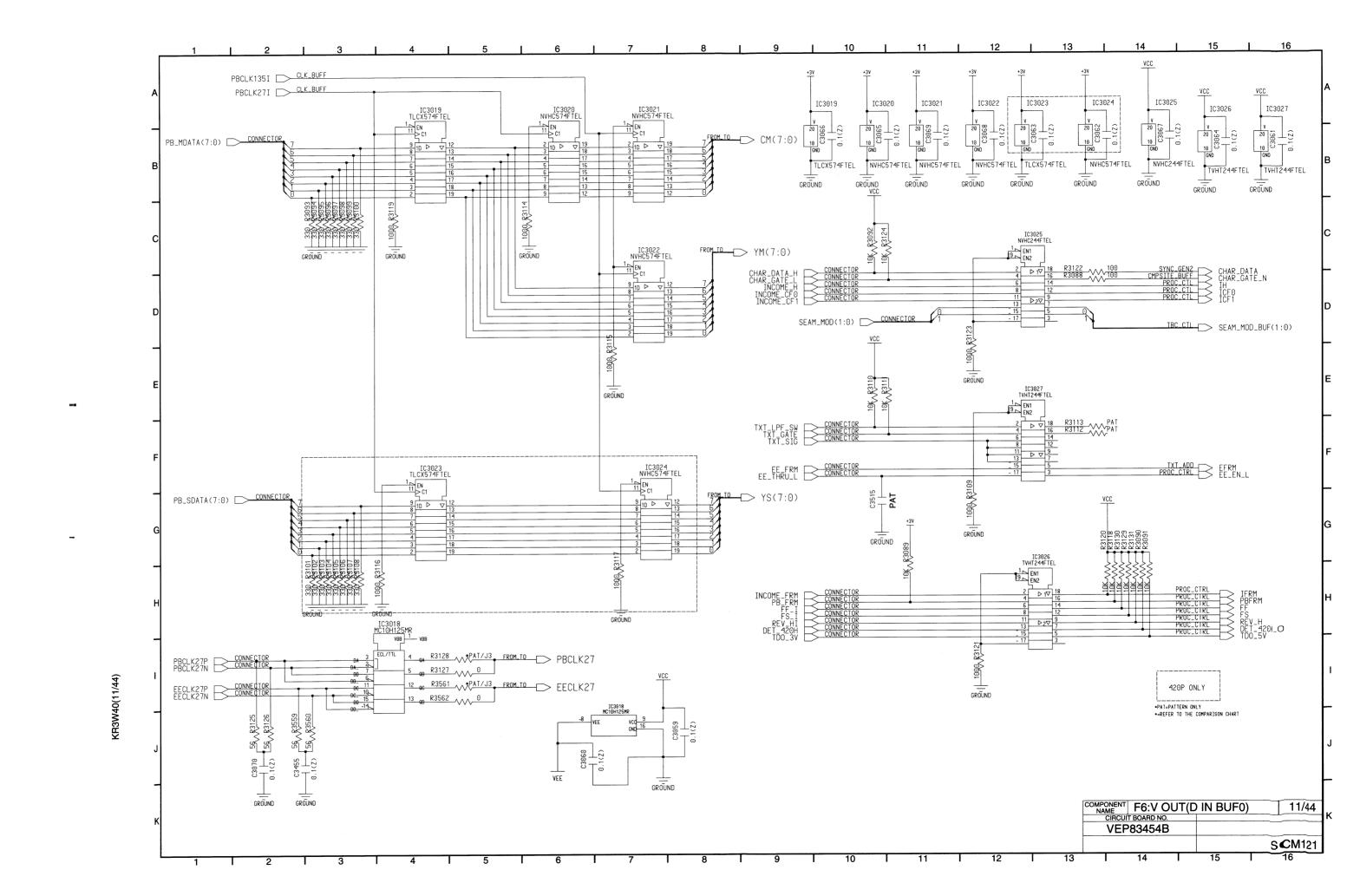


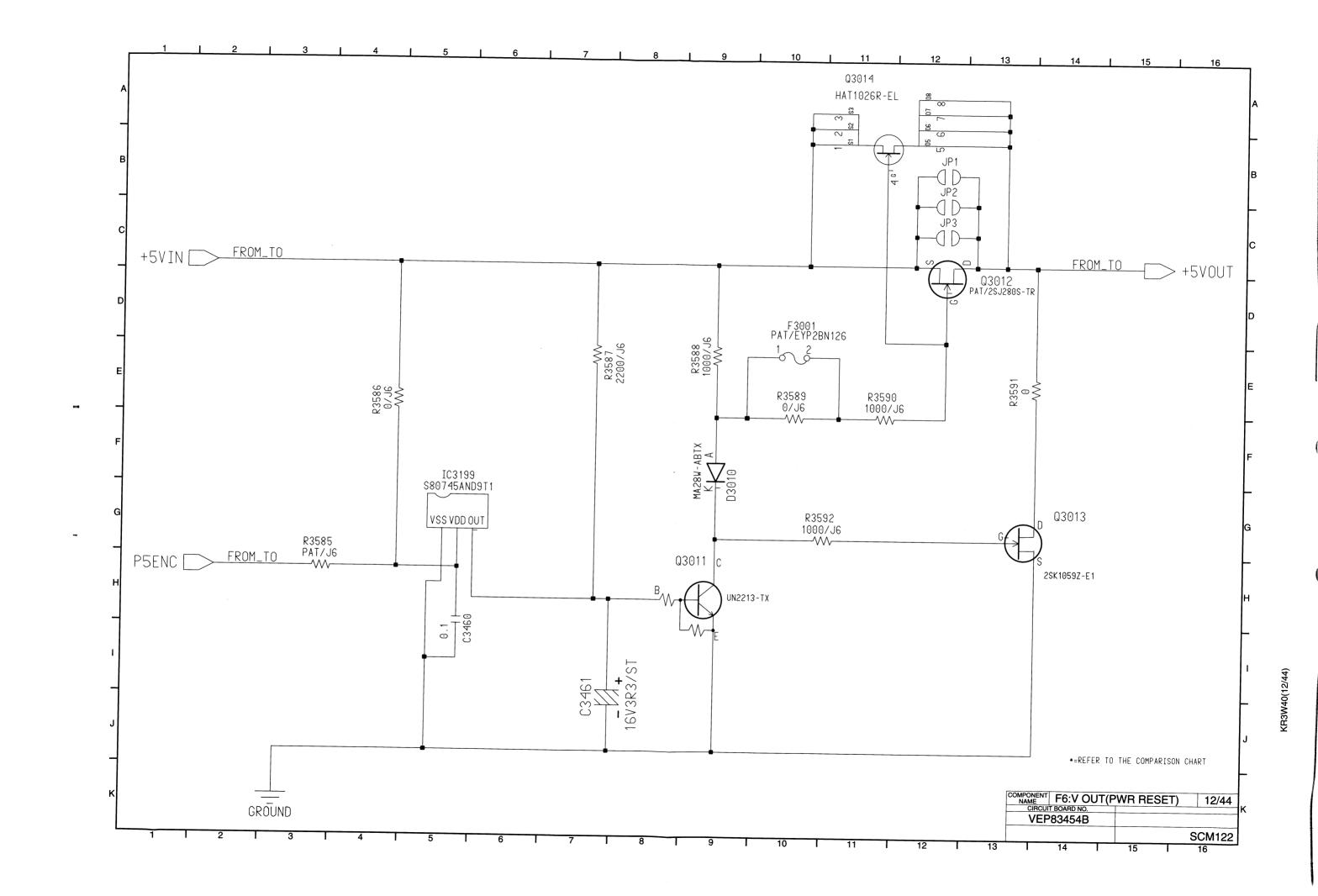


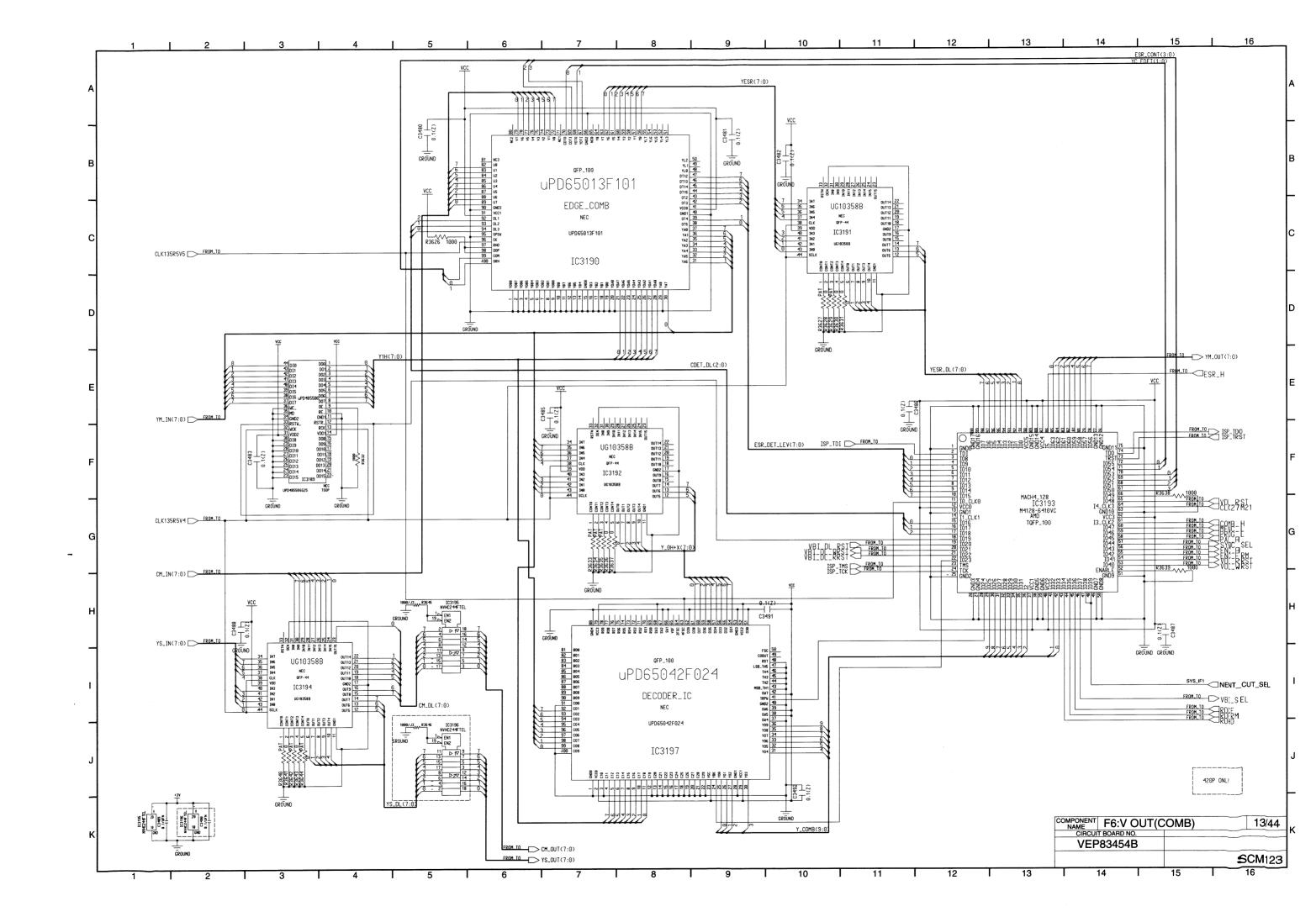


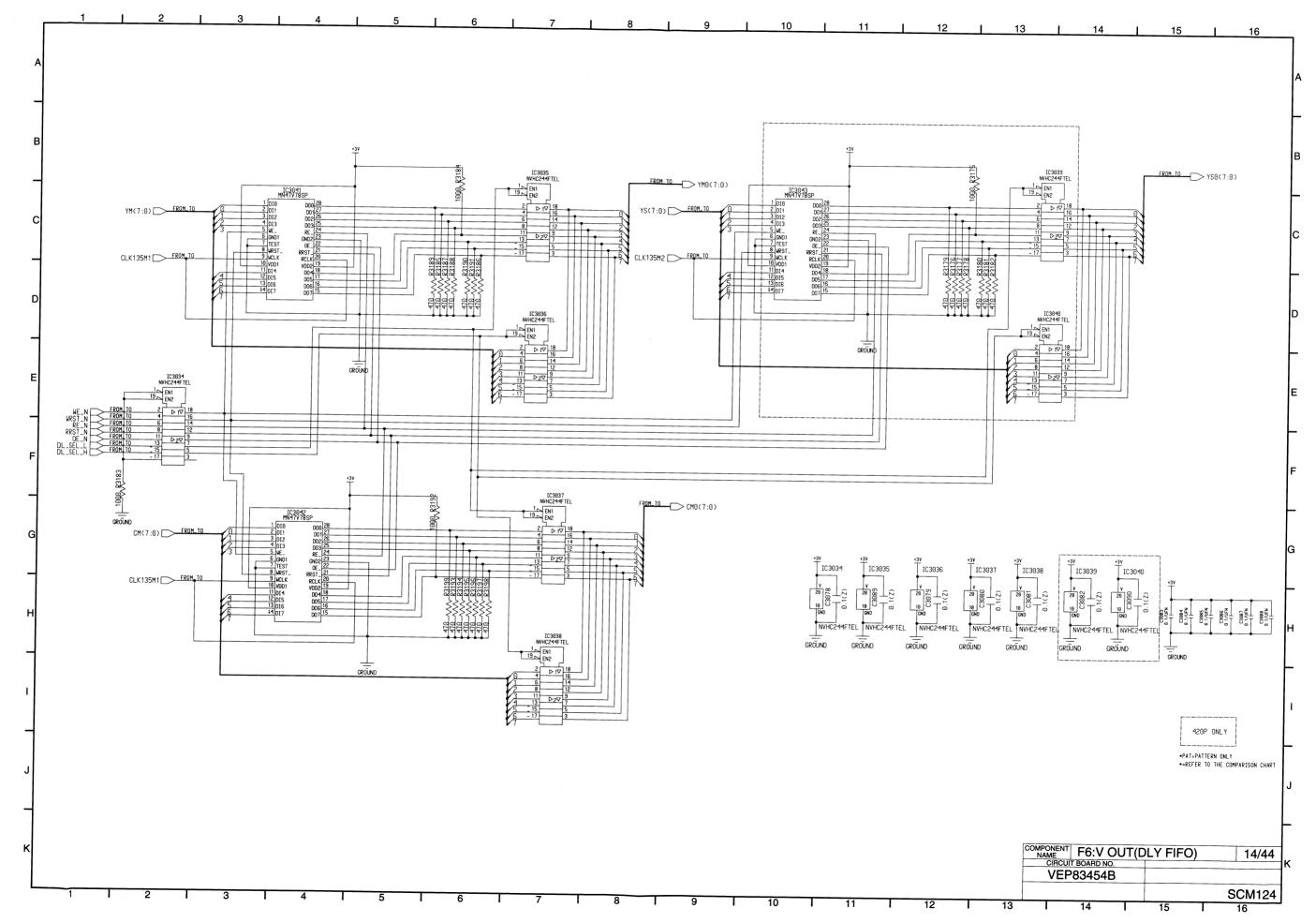
KB3W40/8/4/

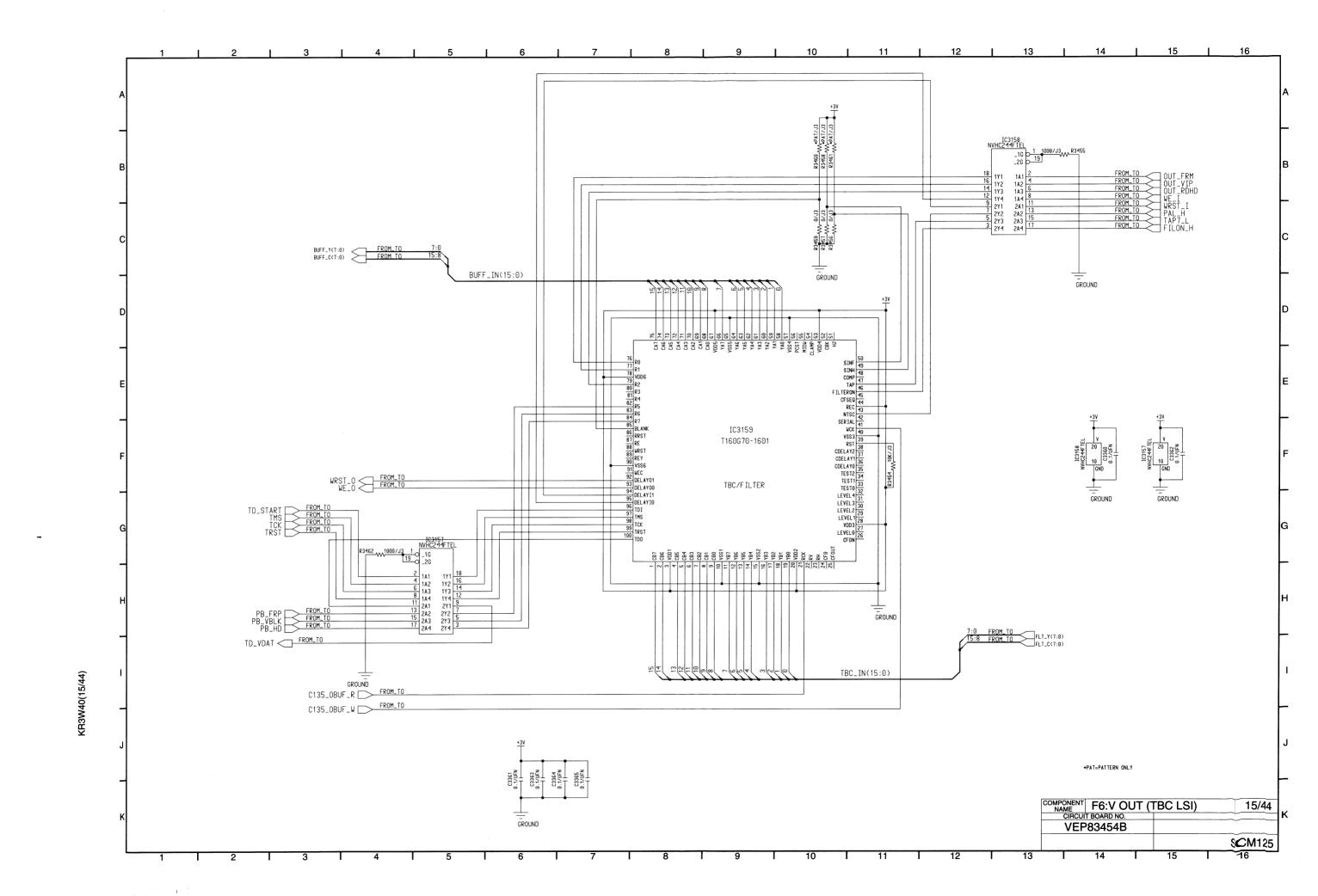


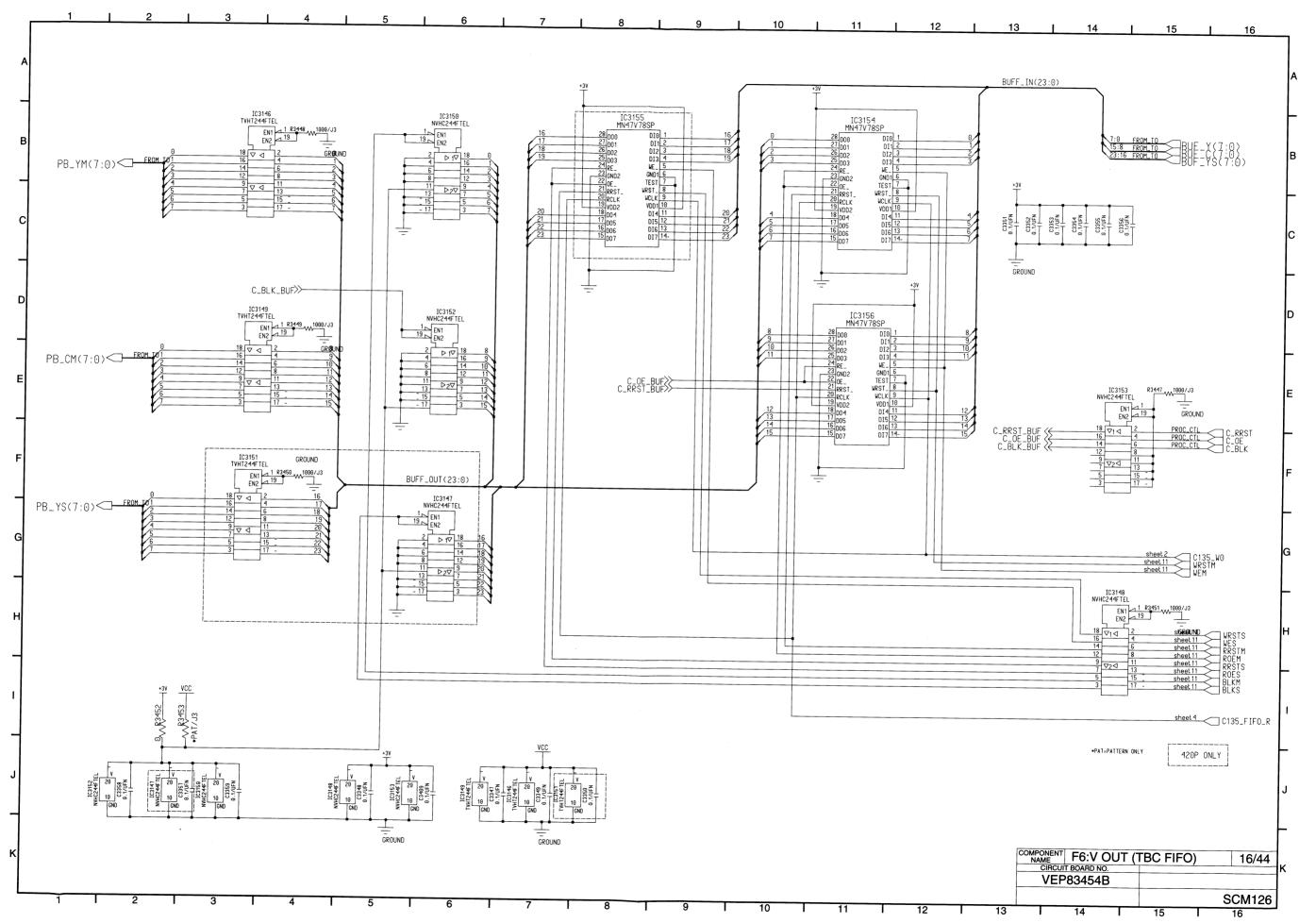


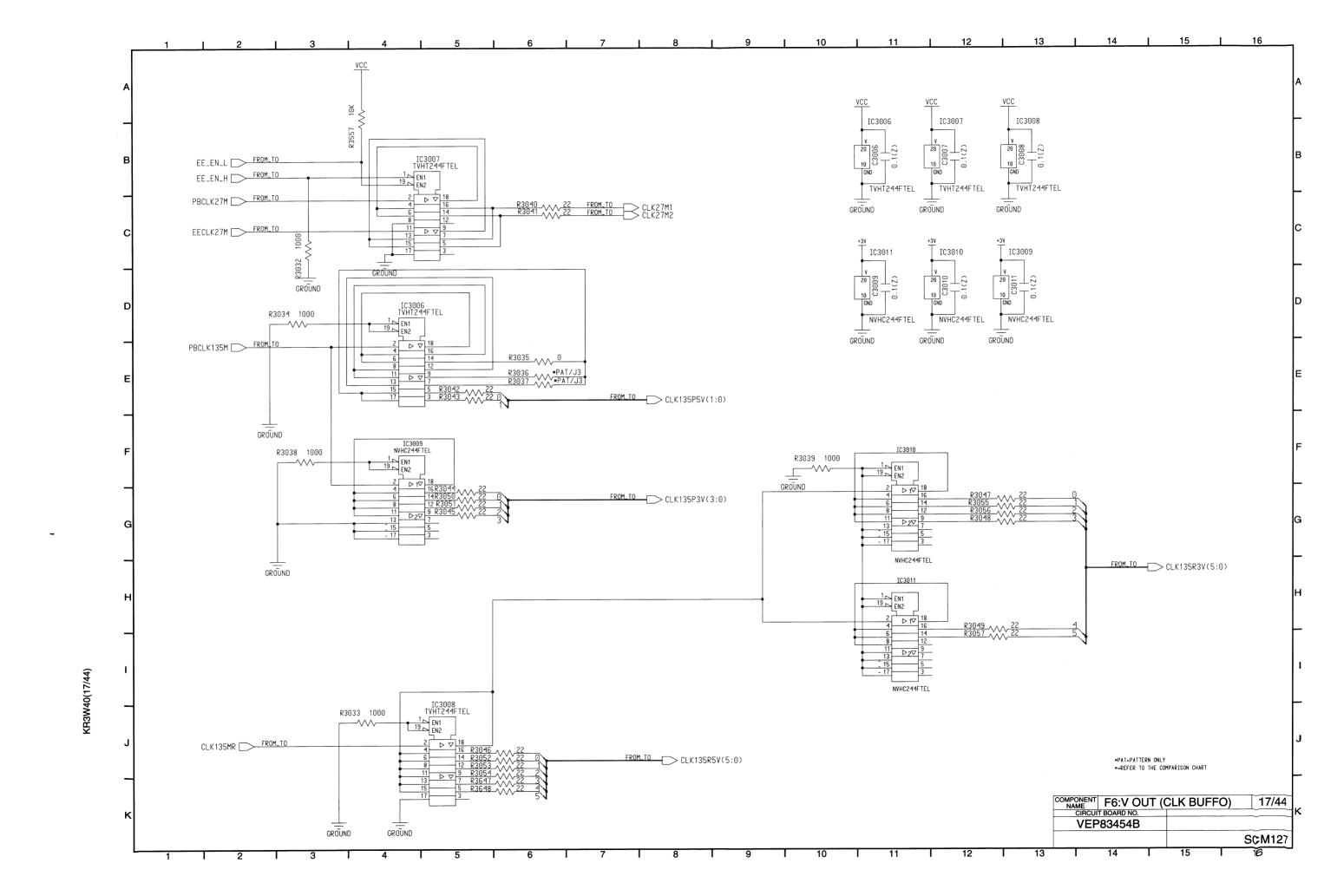




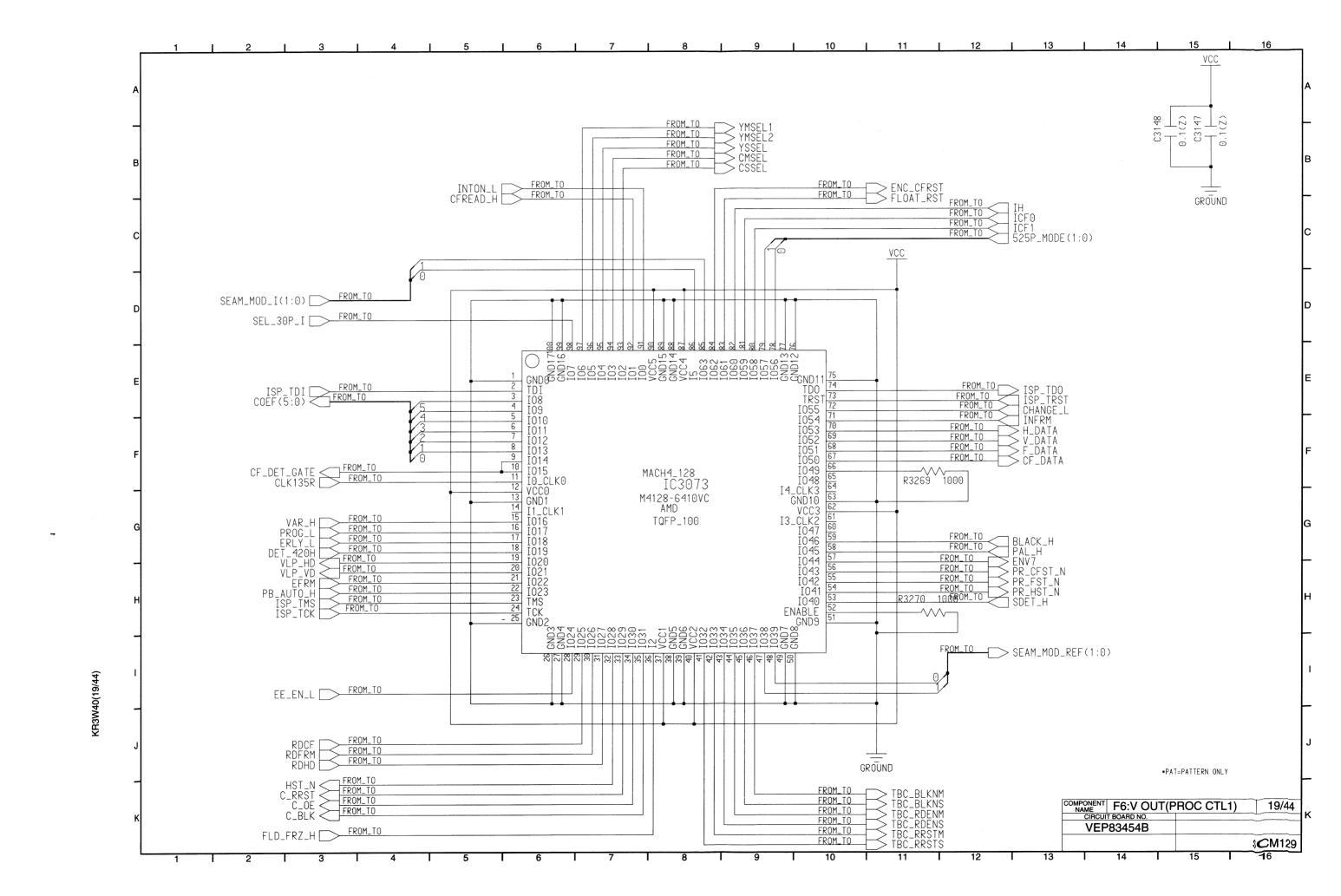


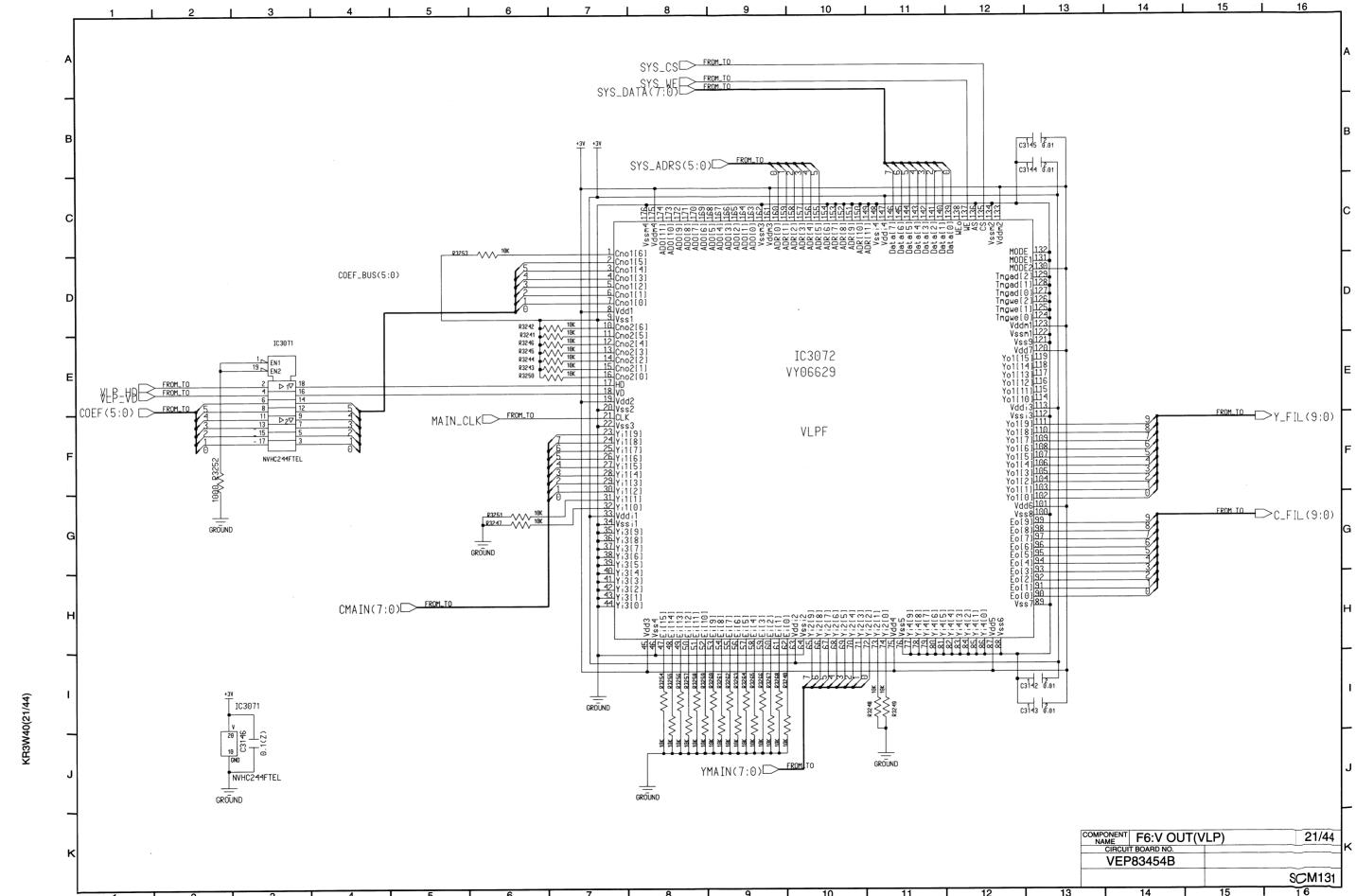




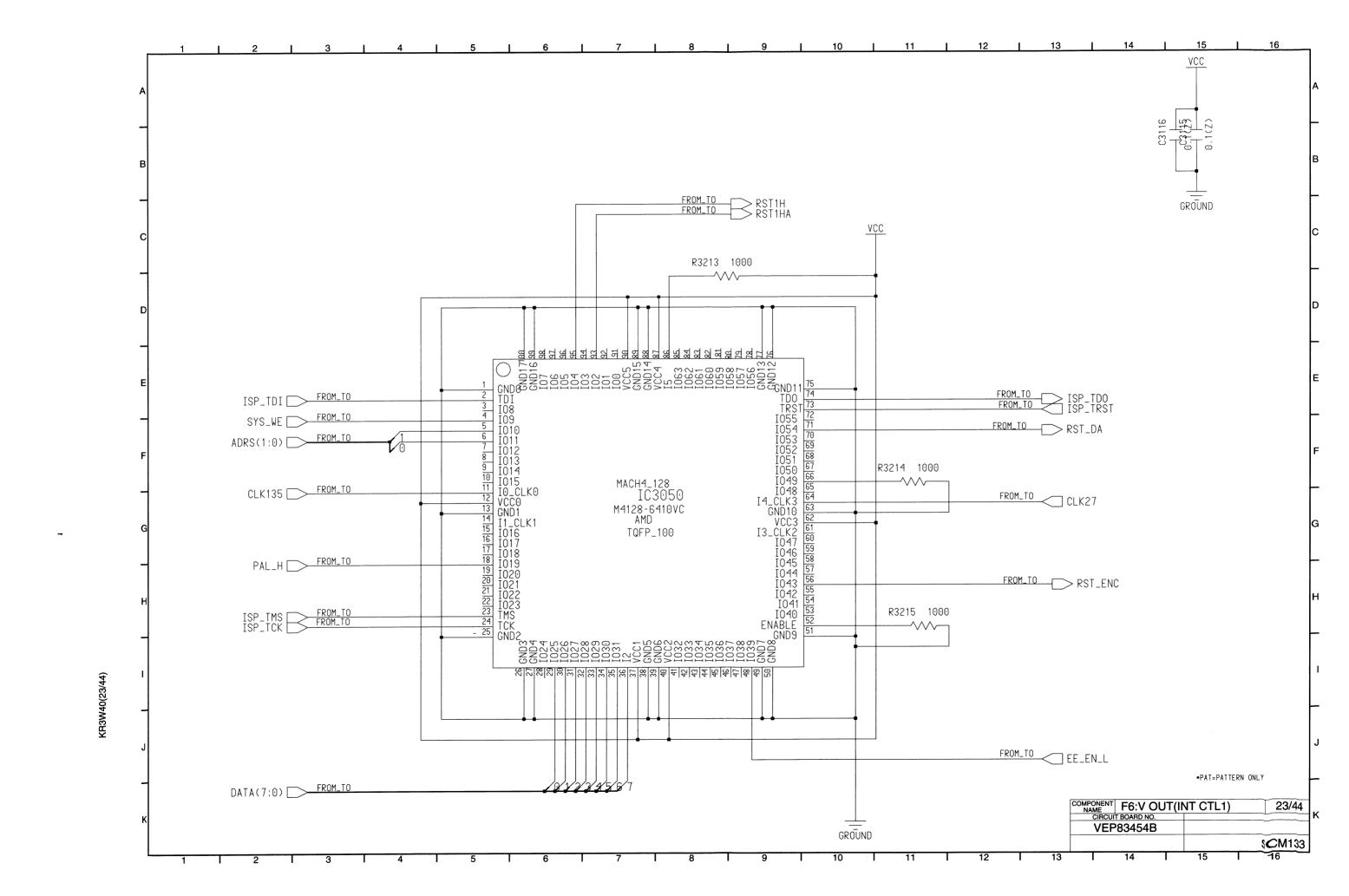


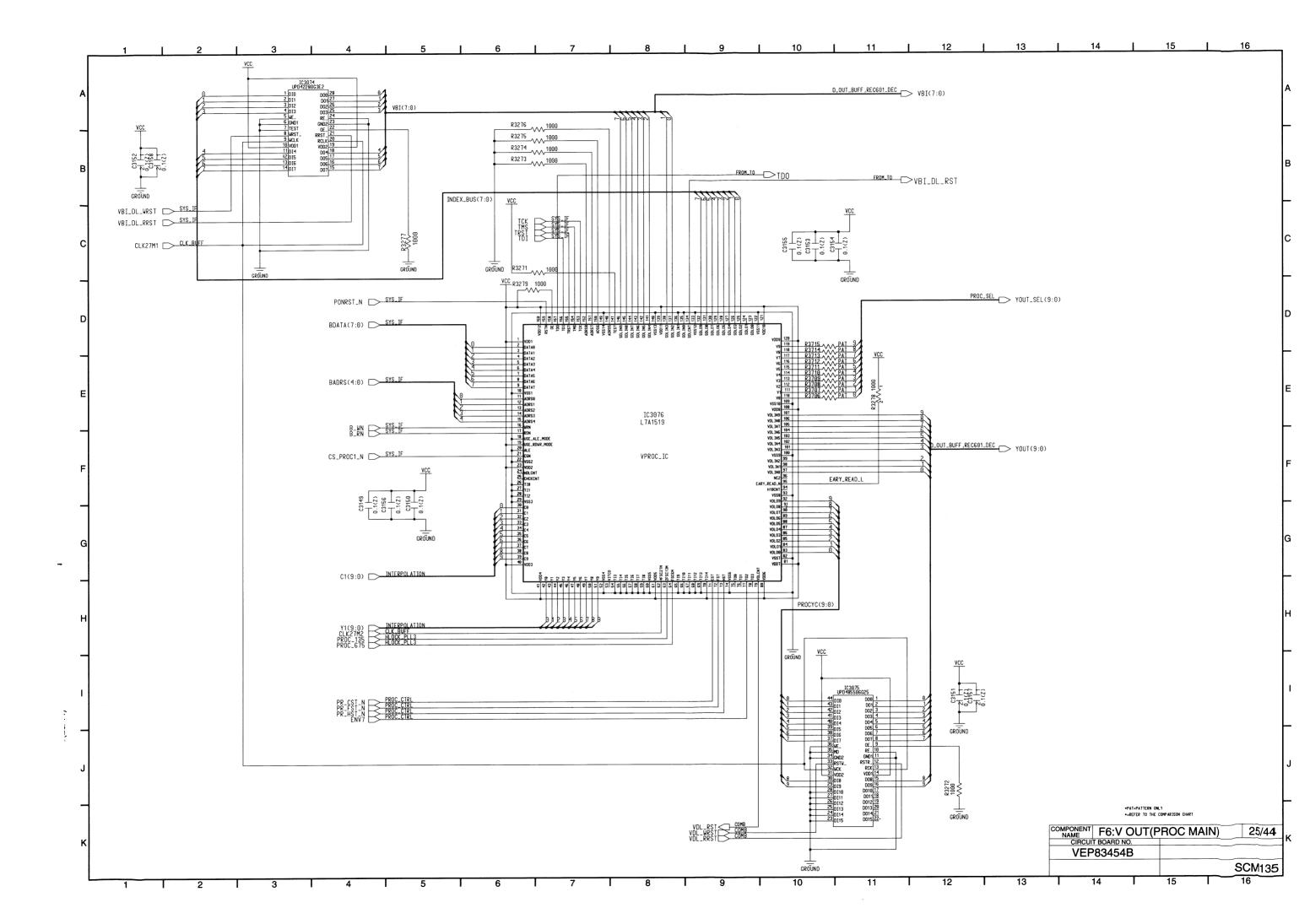
KH3W40(18/44)

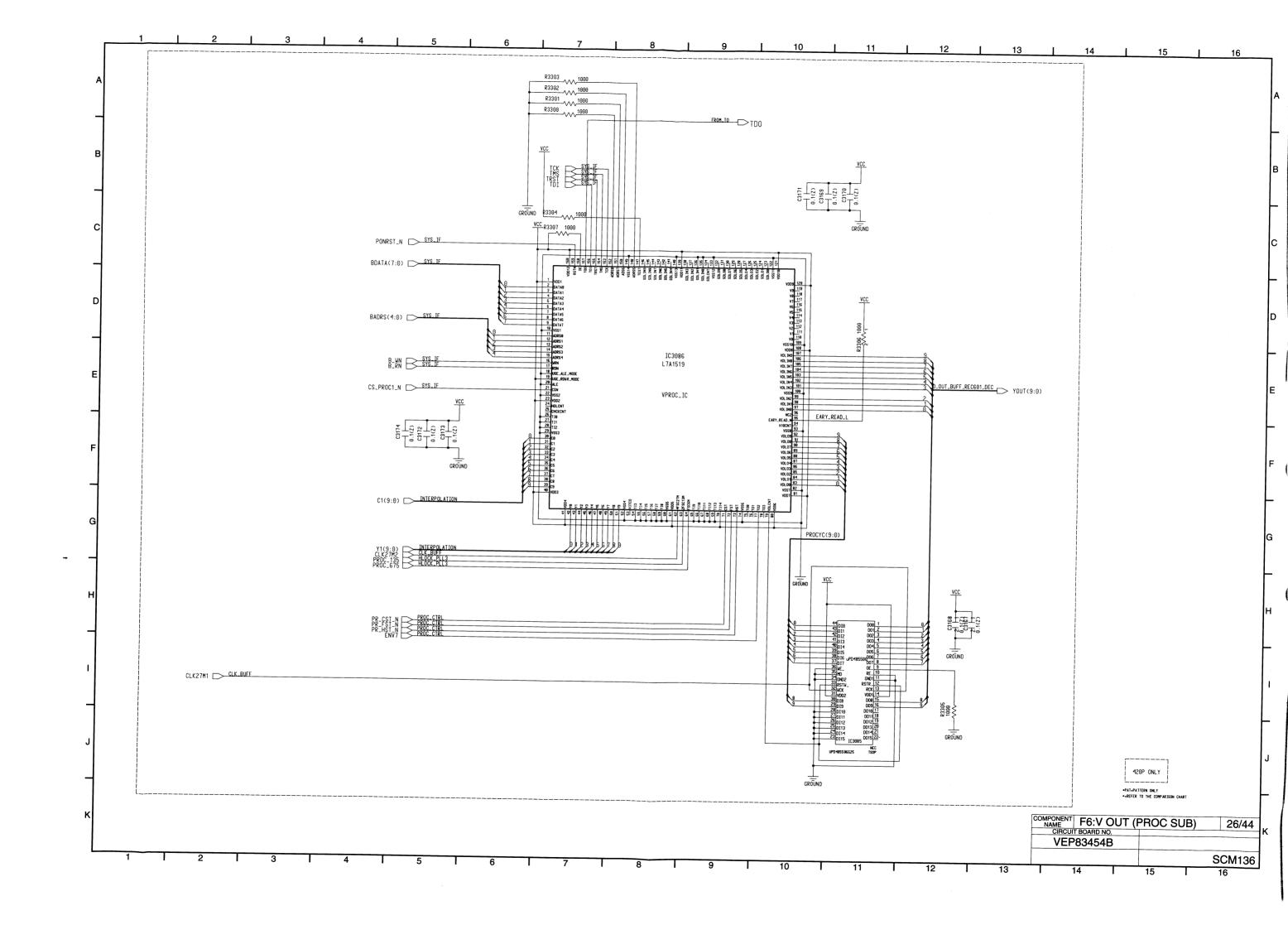


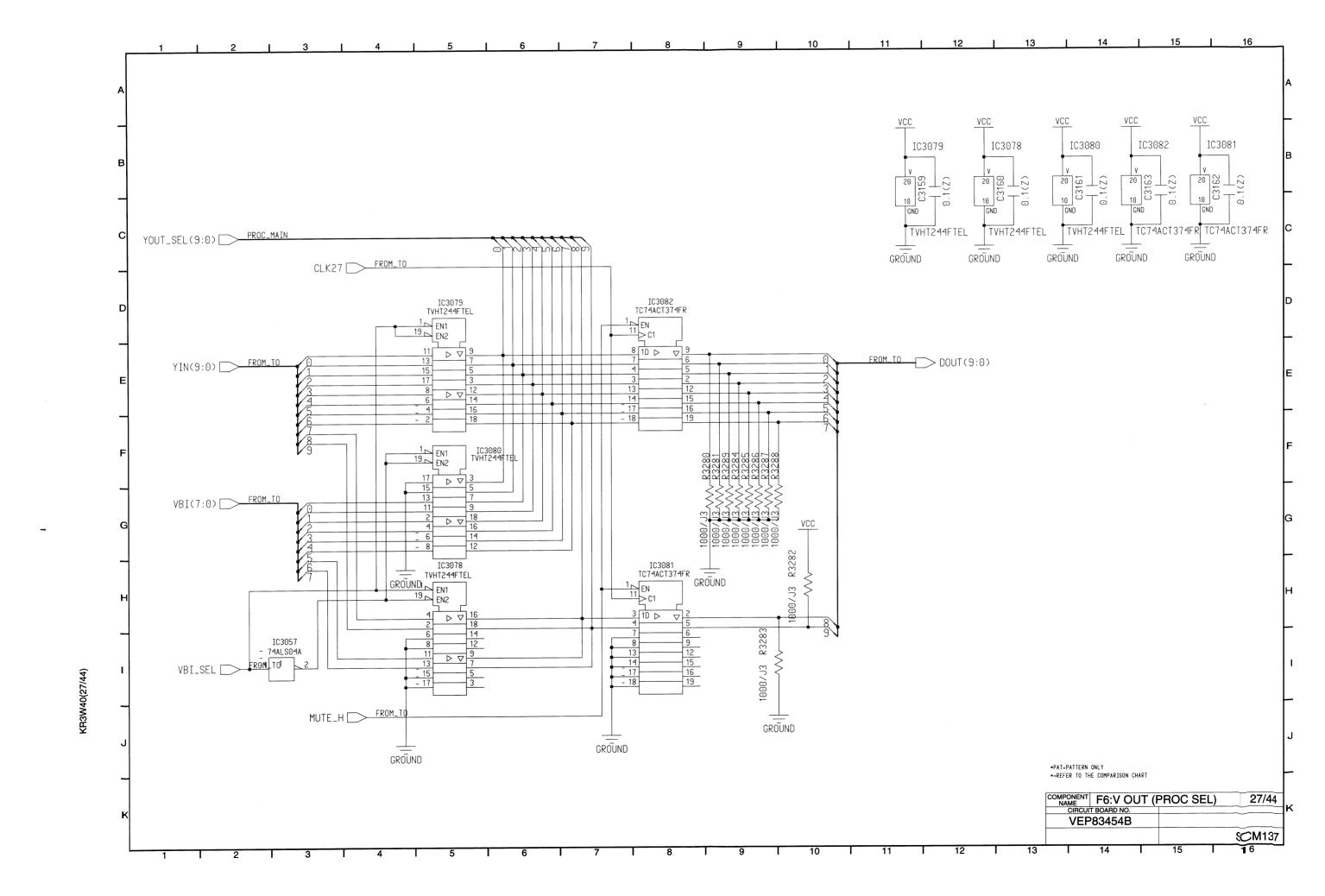


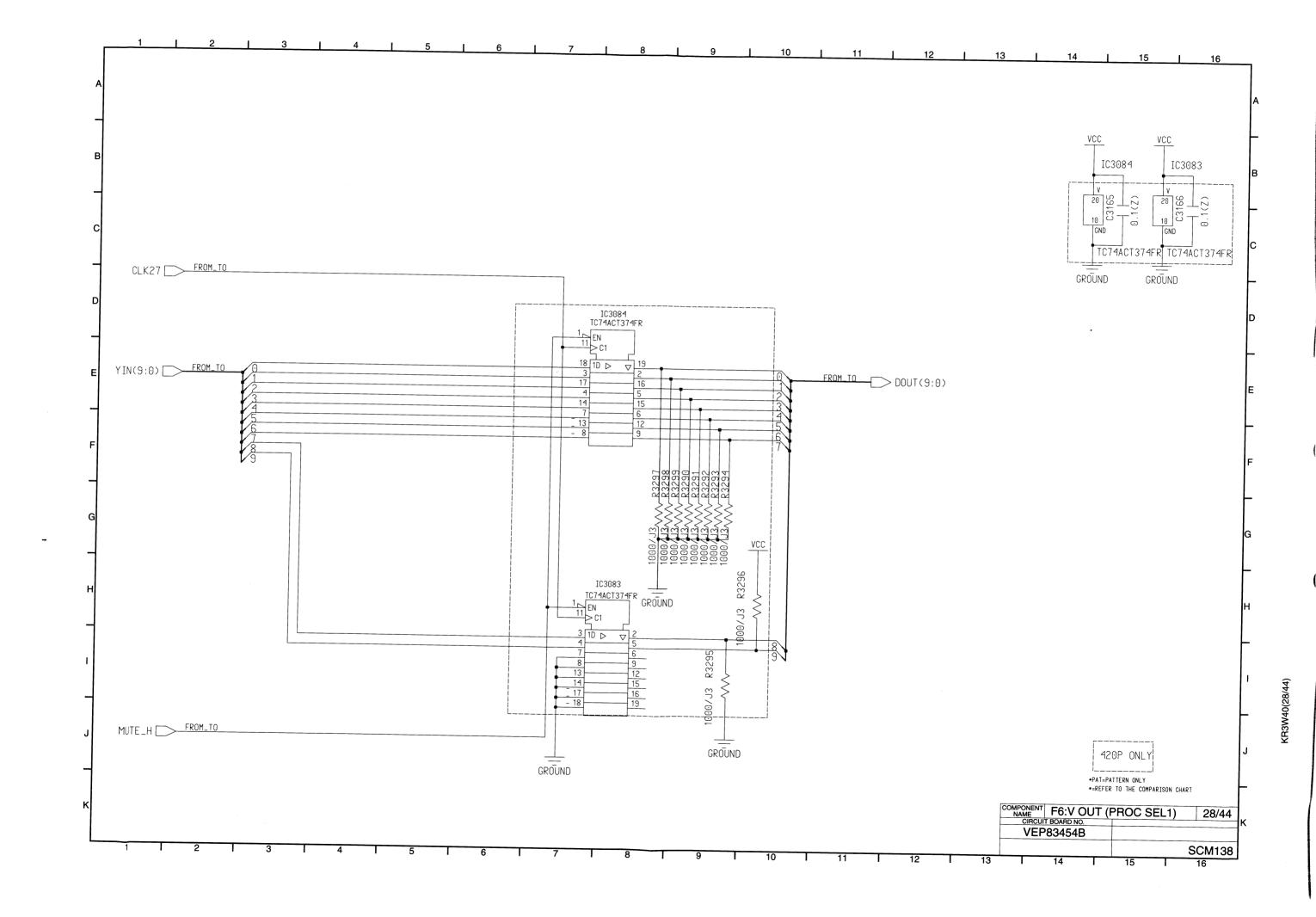
-

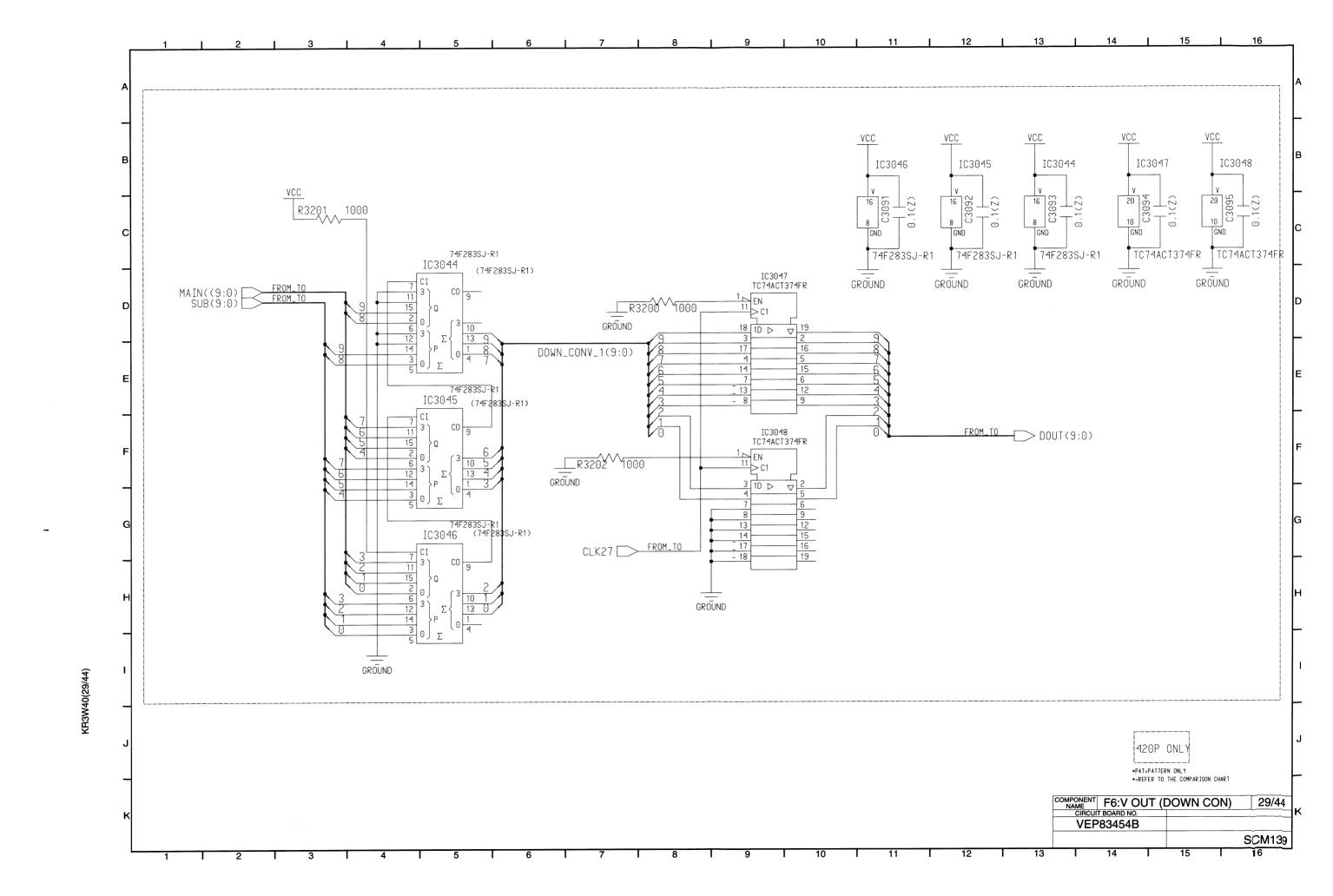


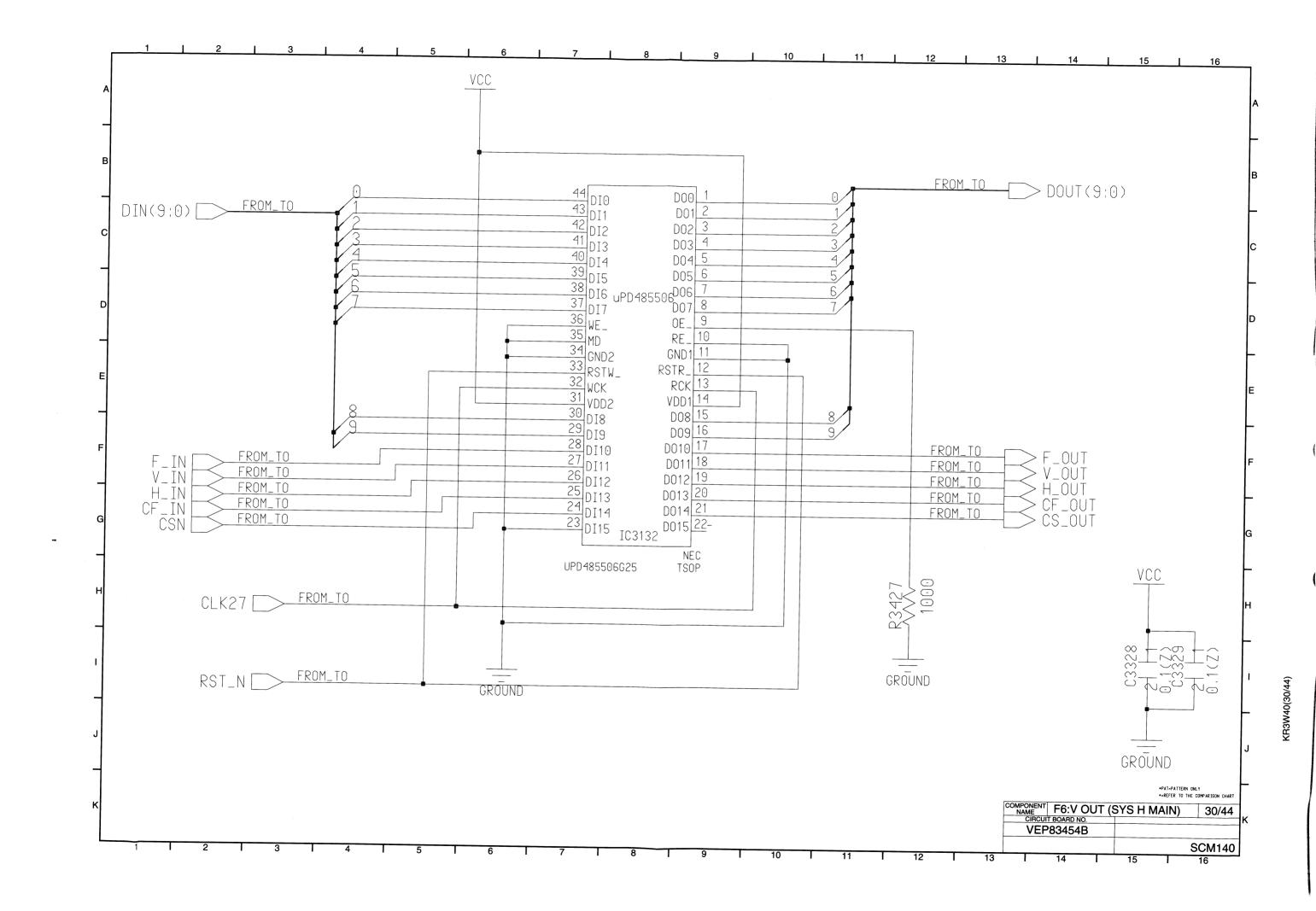


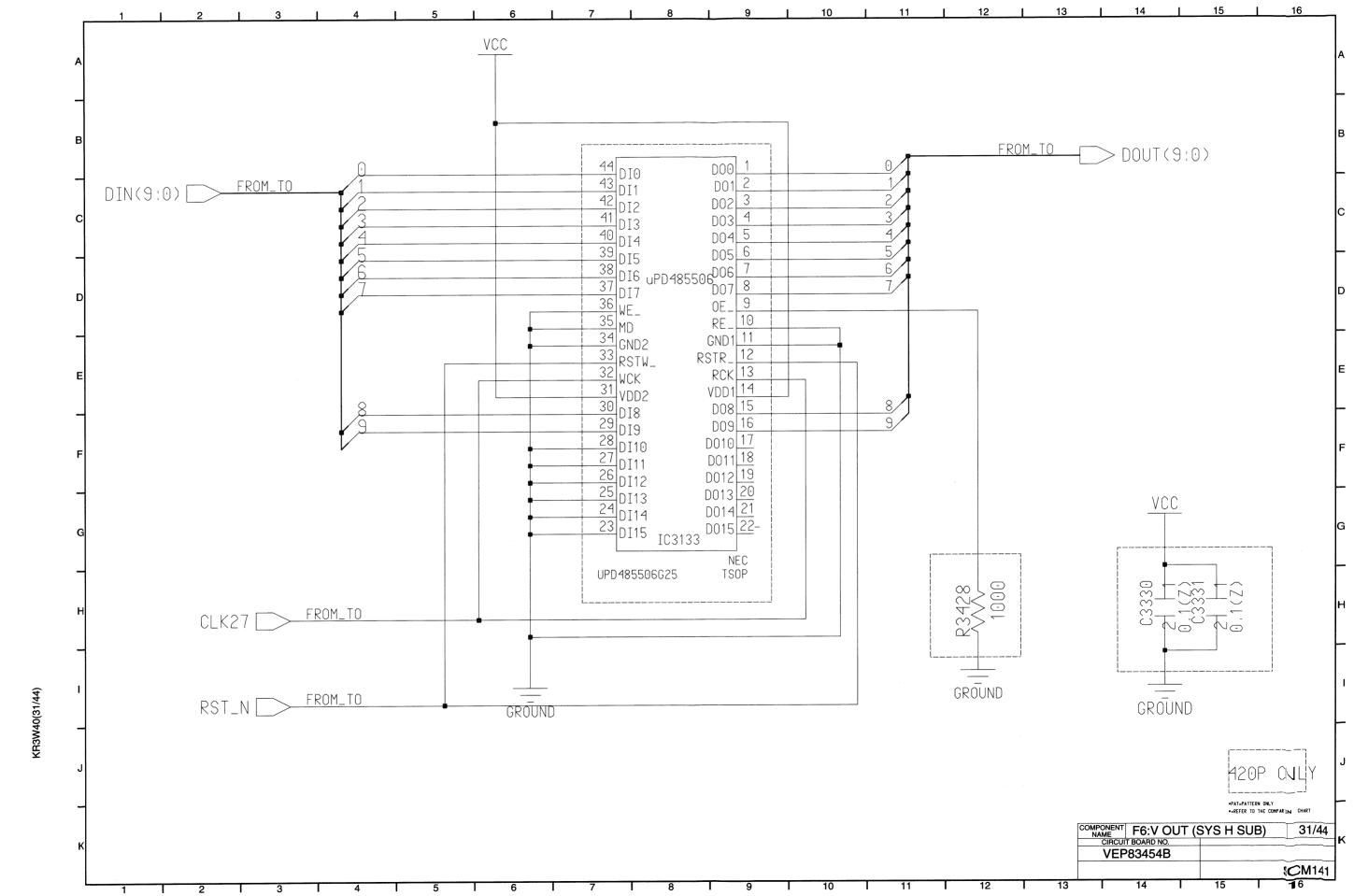




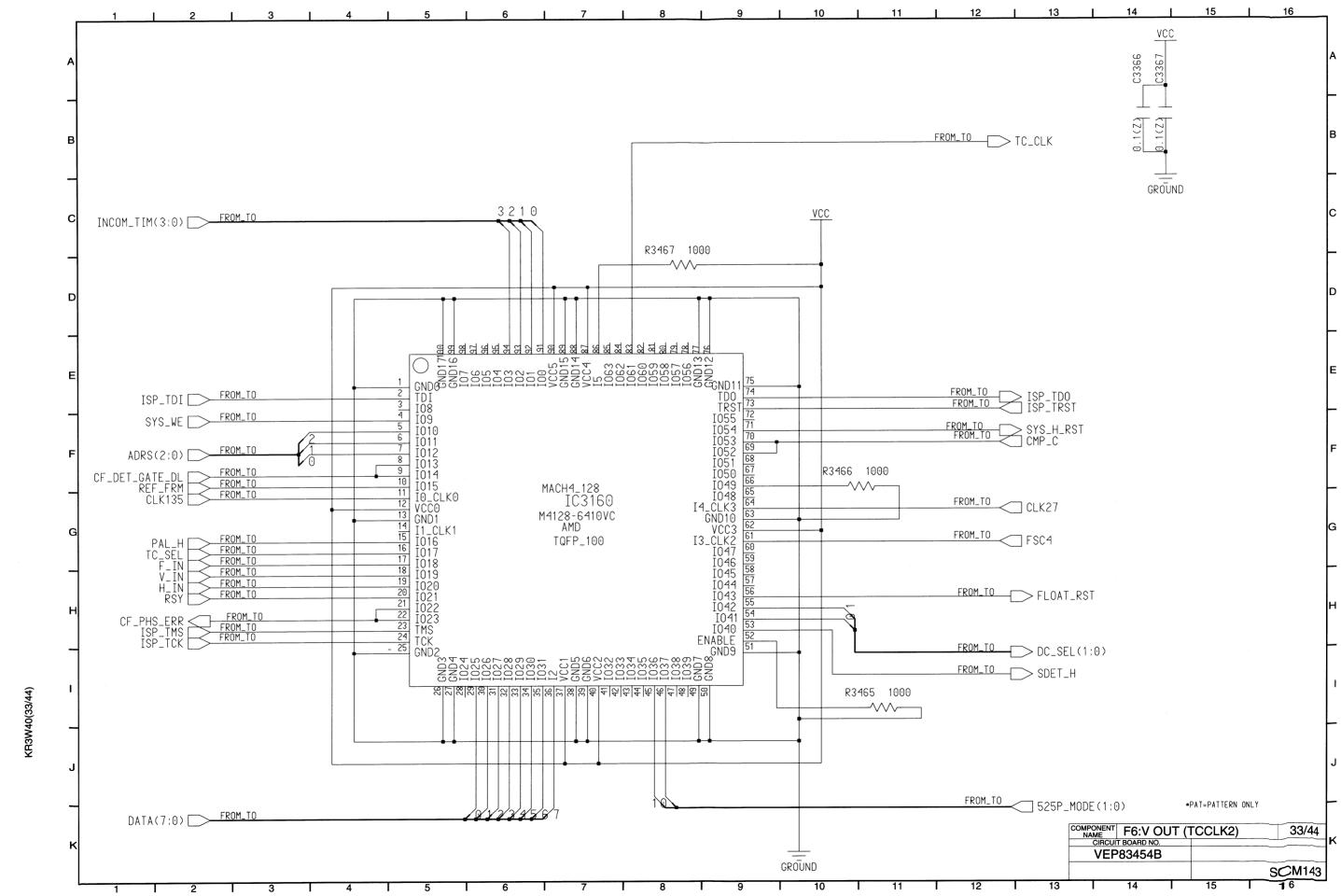






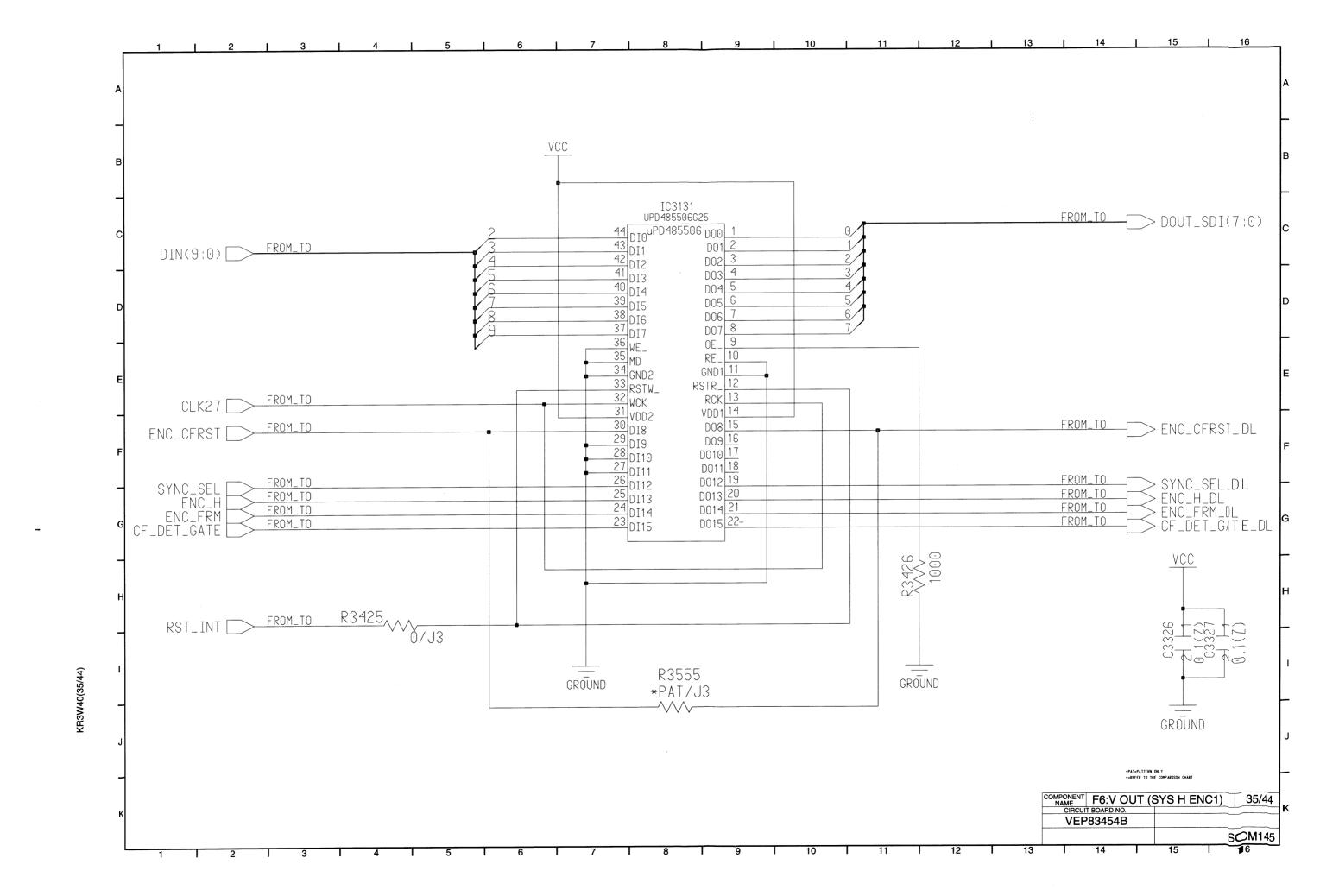


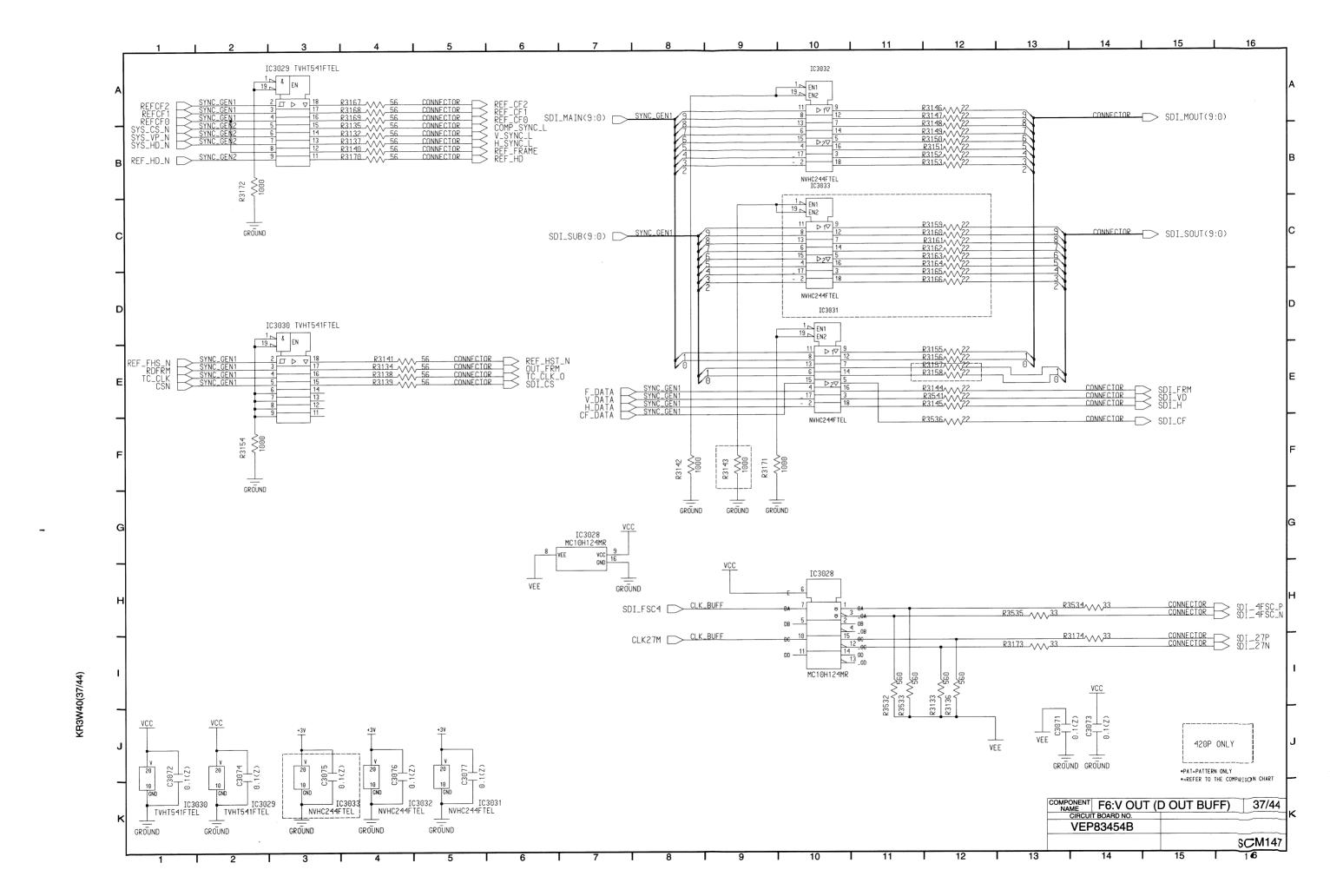
-

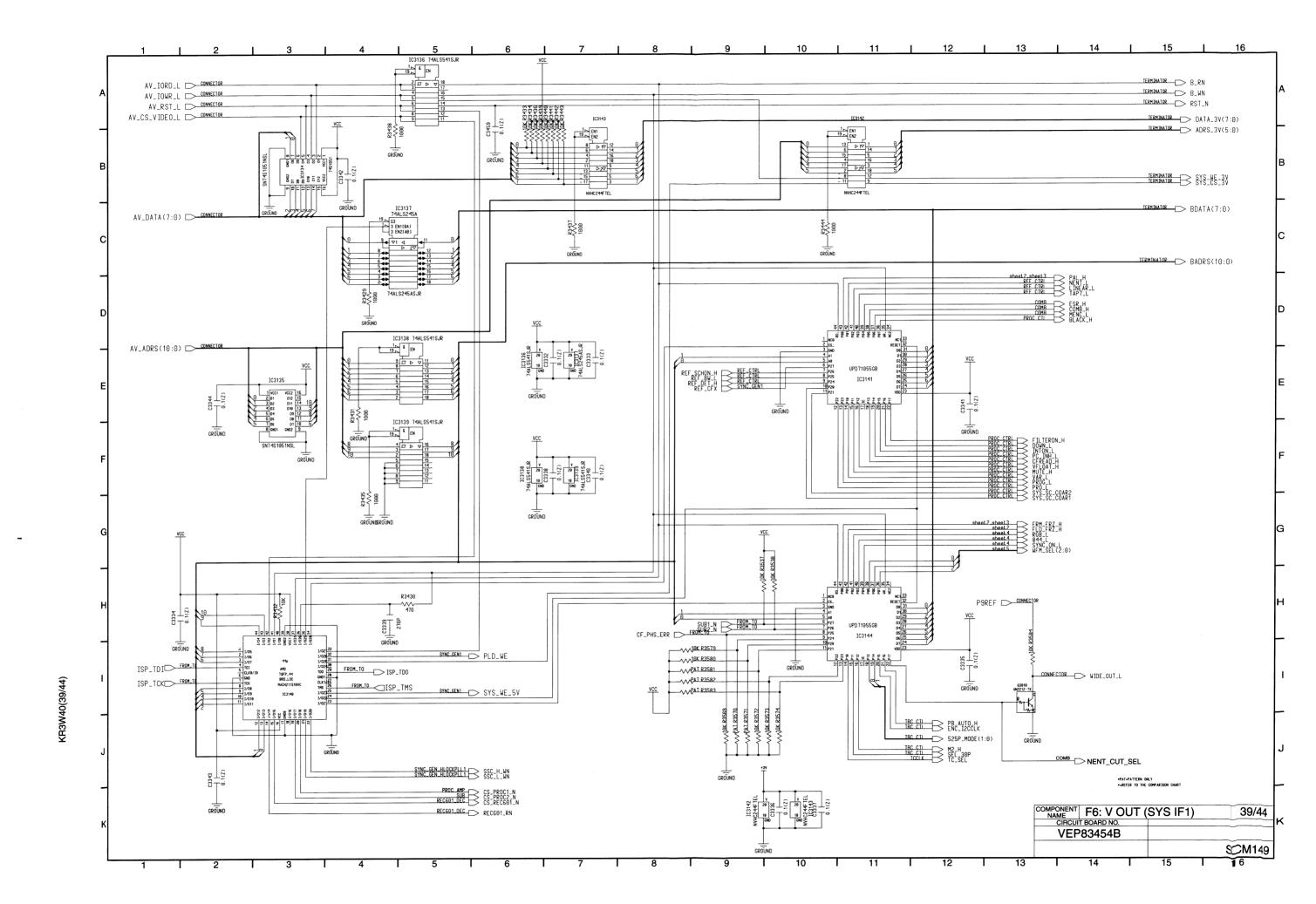


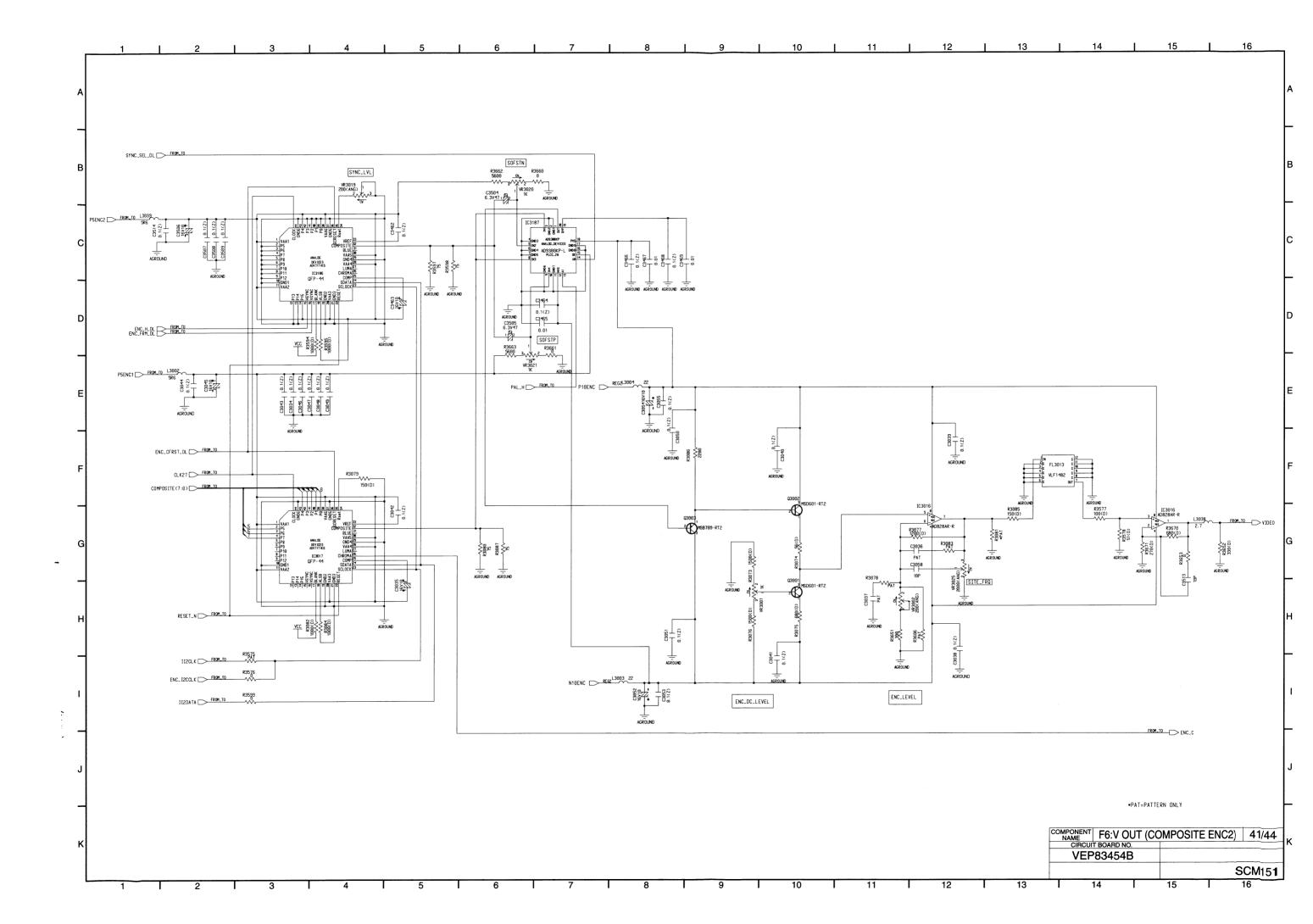
_

(R3W40(34/44)

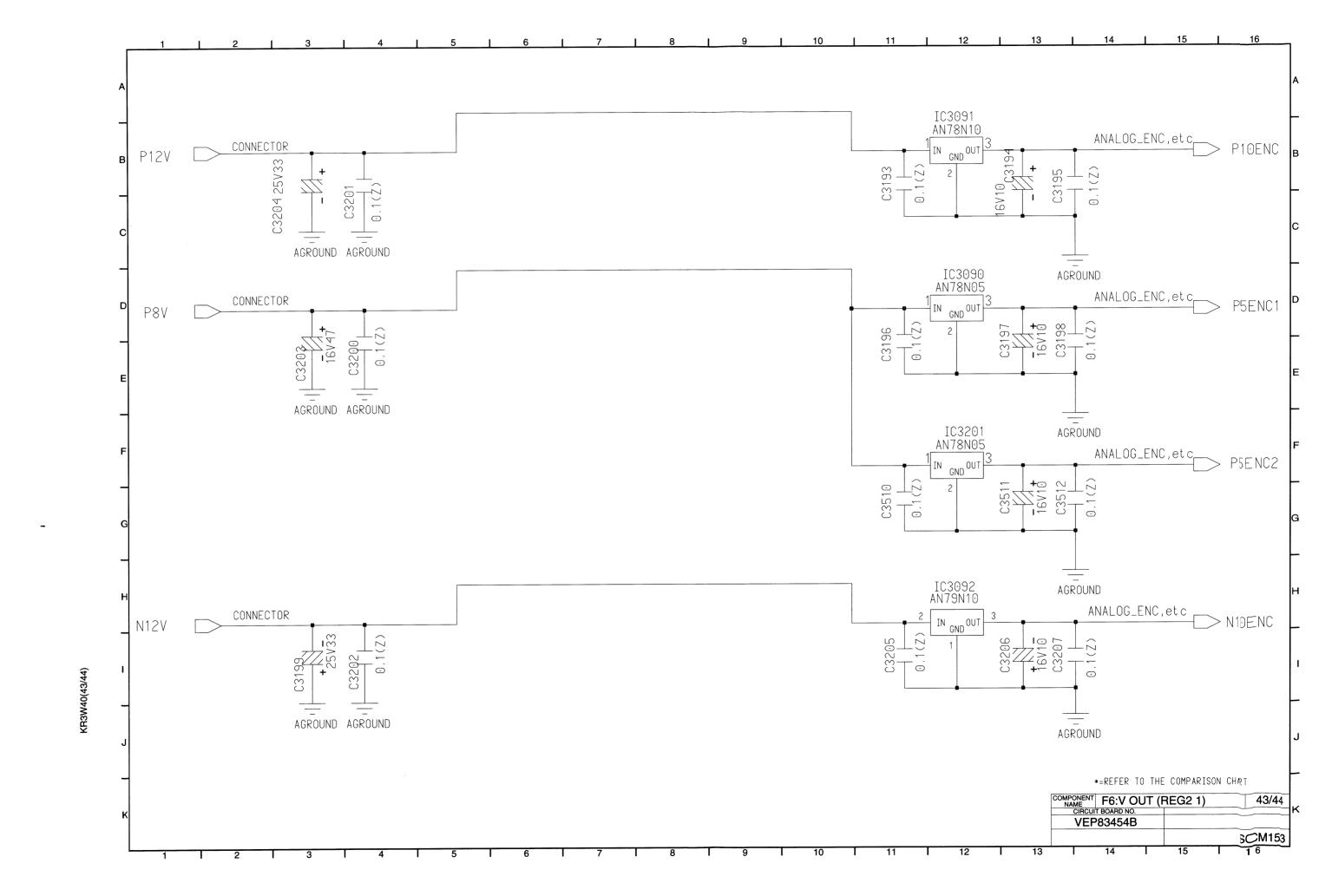


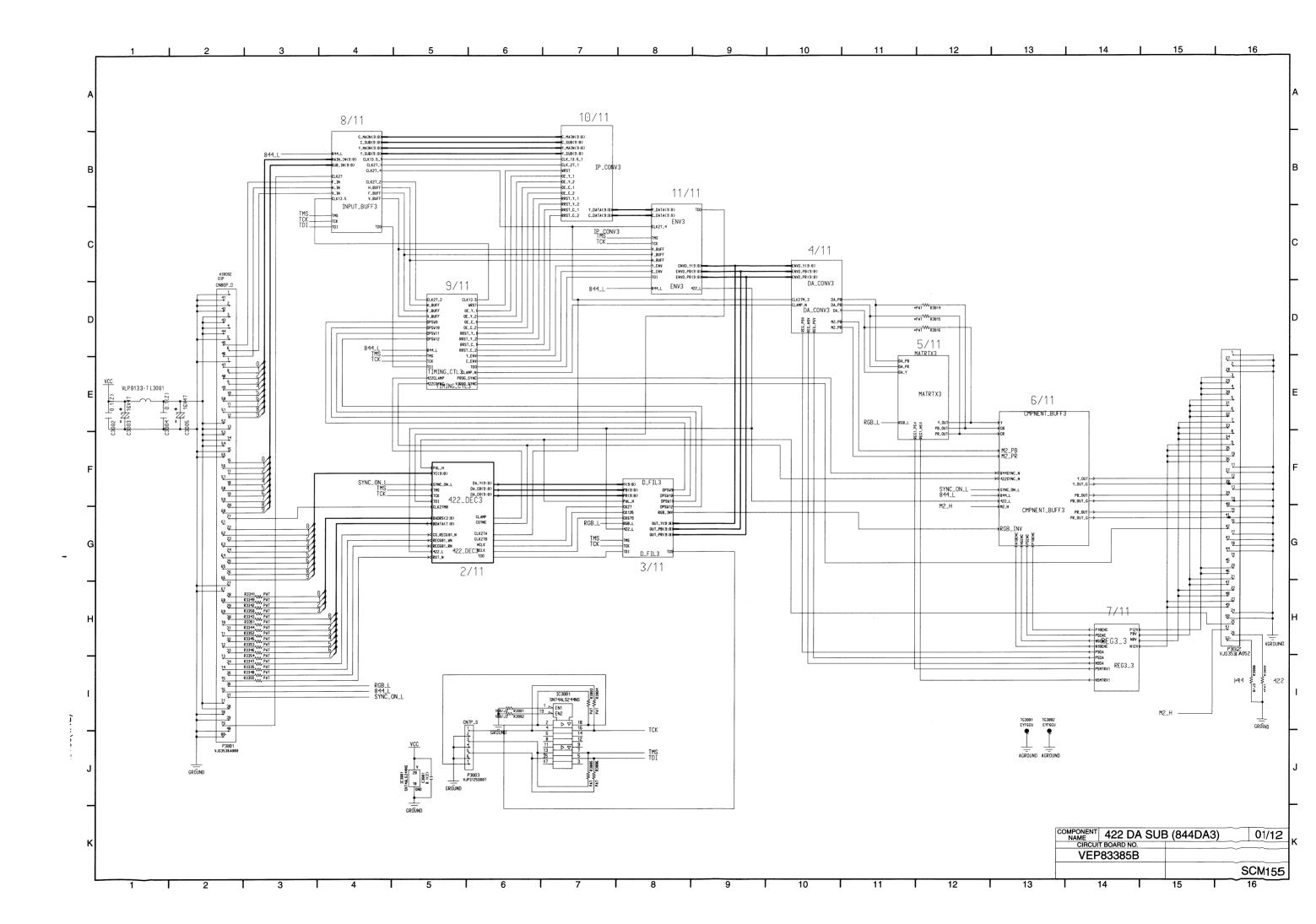


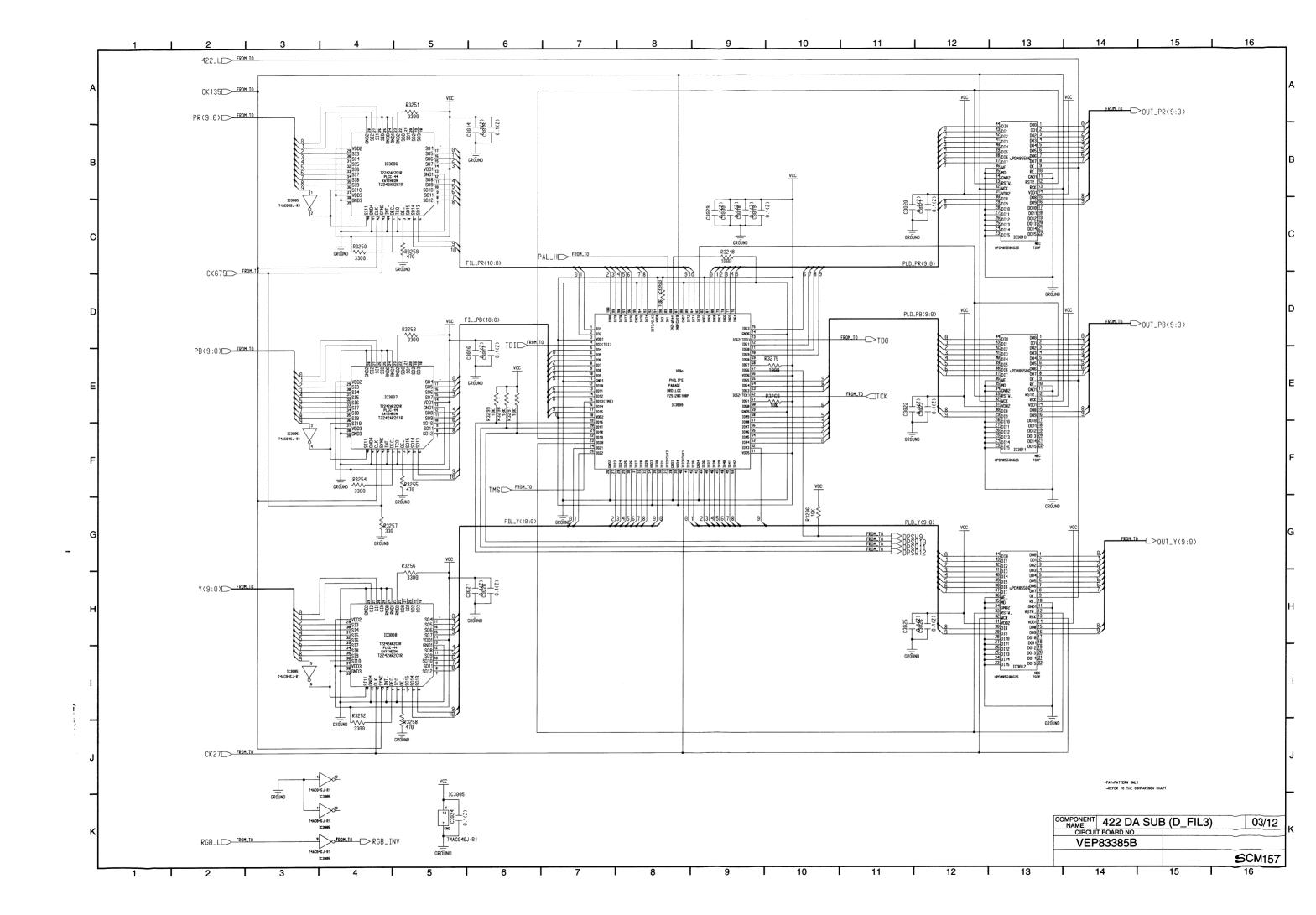


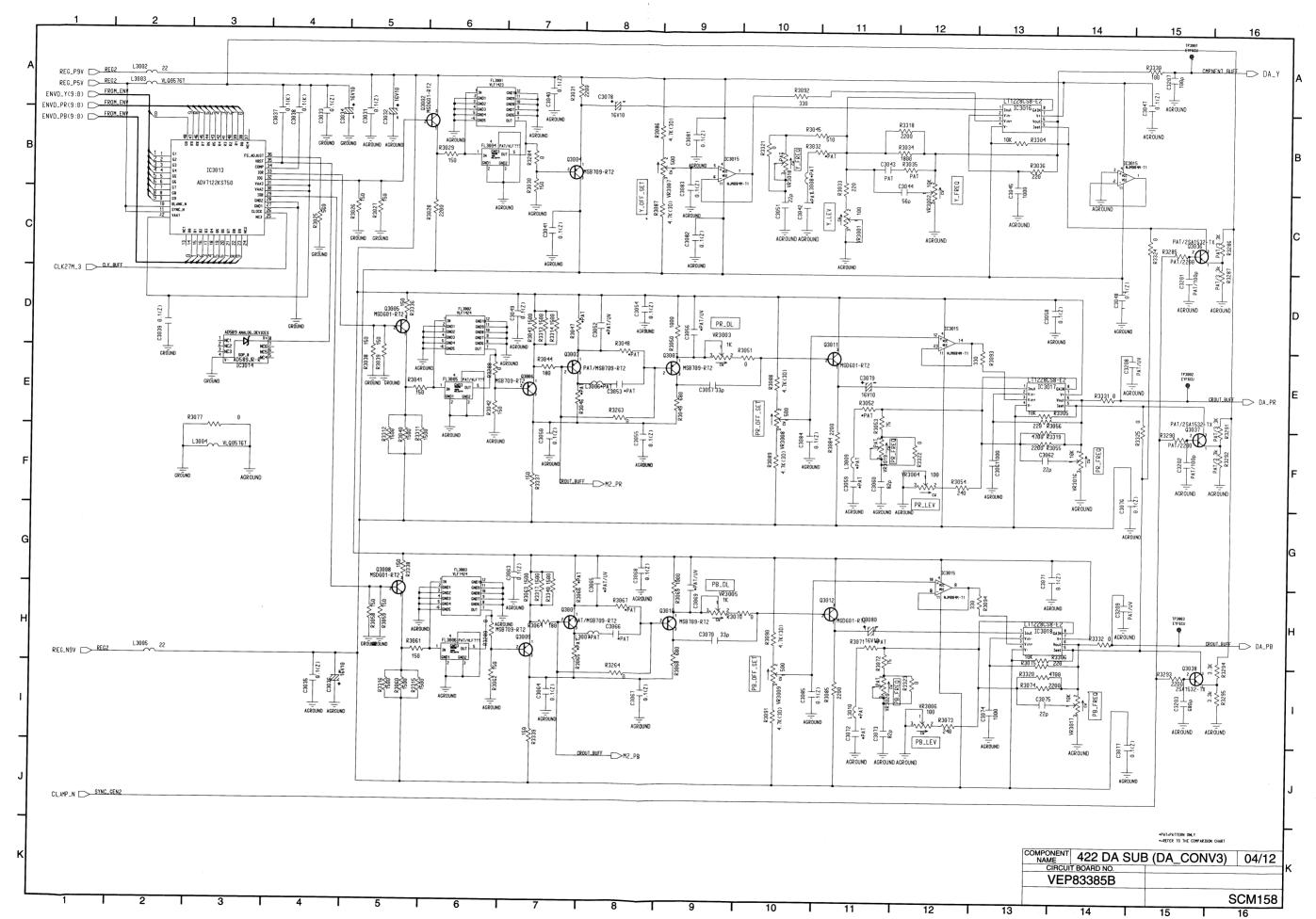


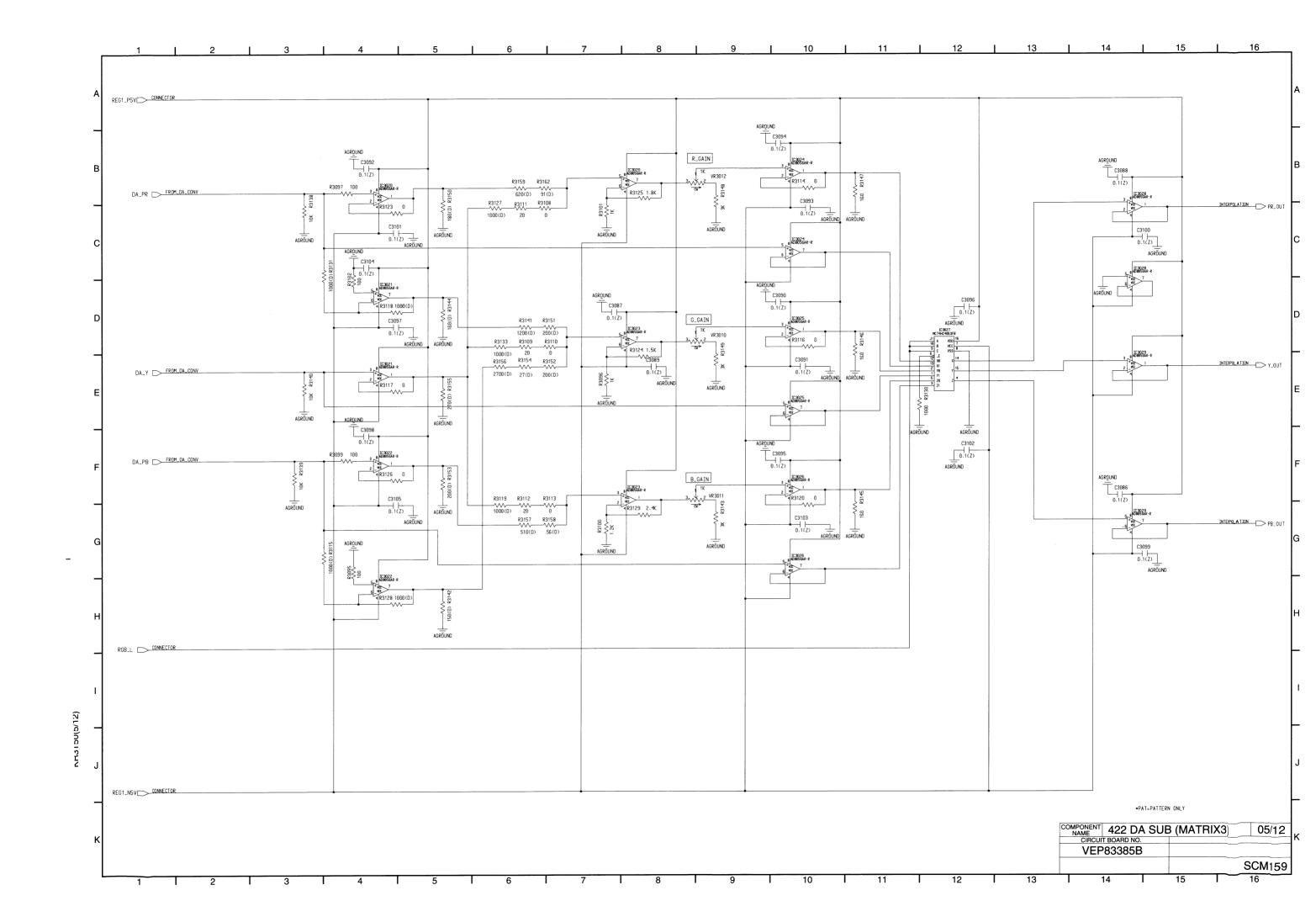
KR3W40(42/44

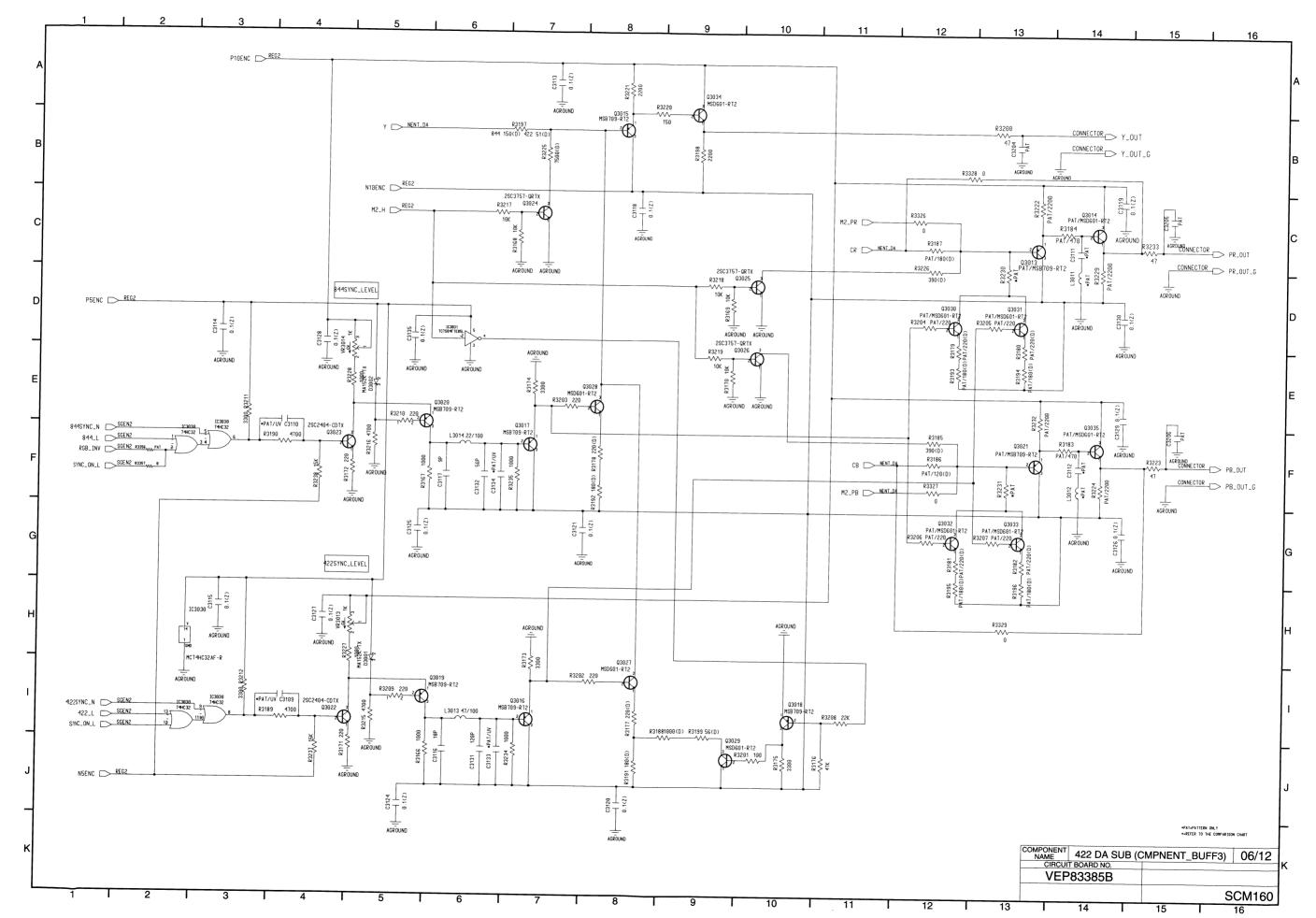


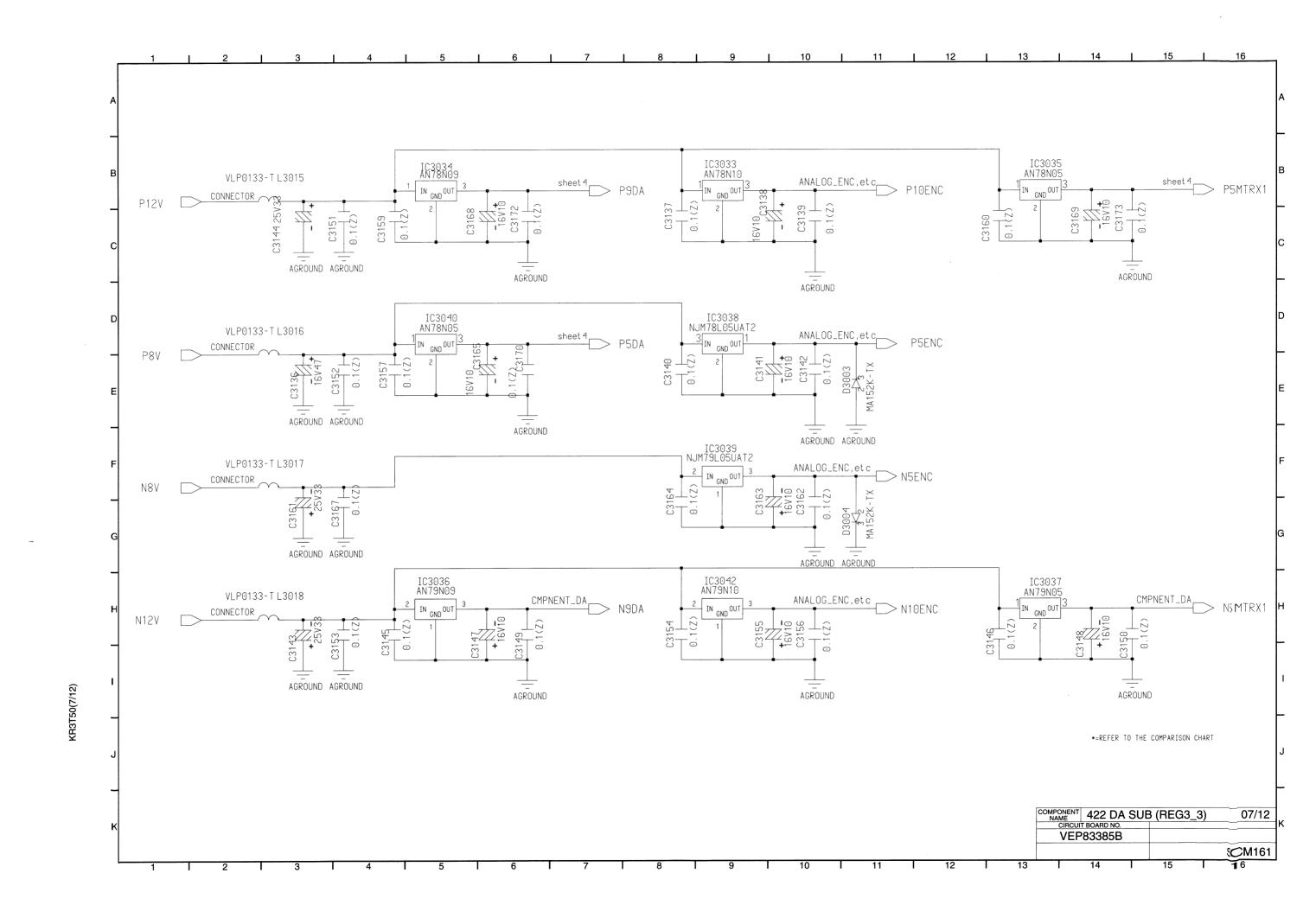


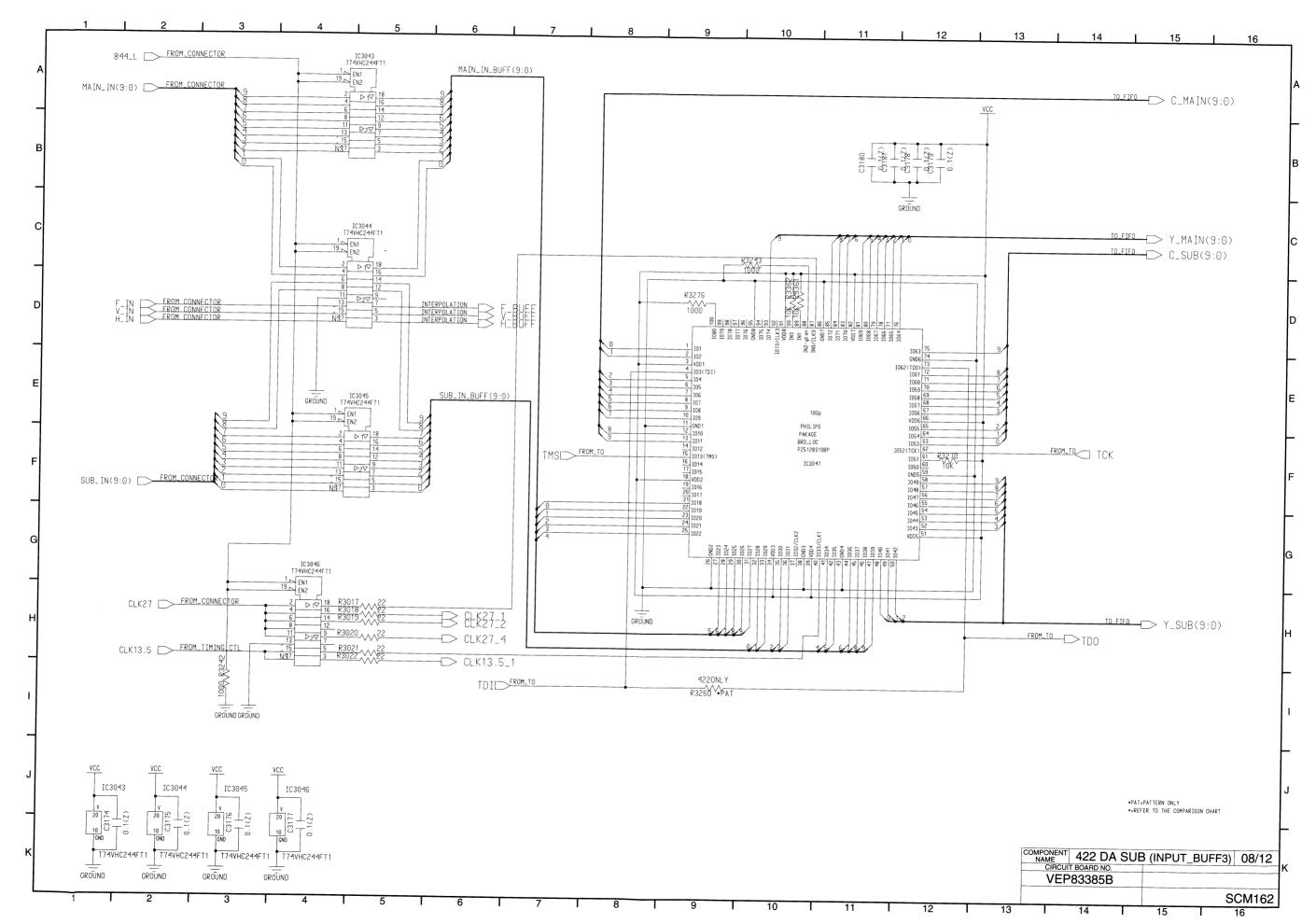


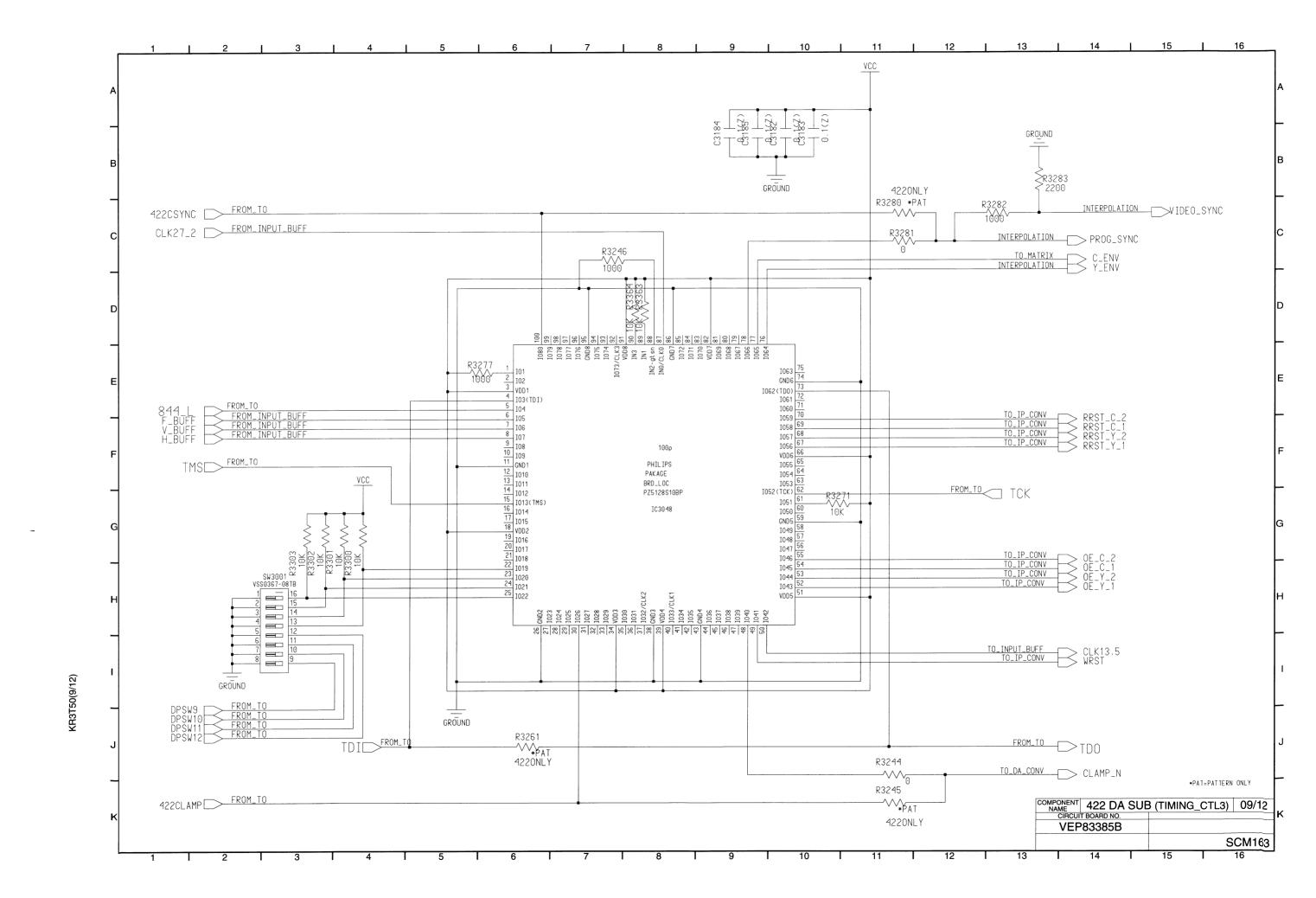


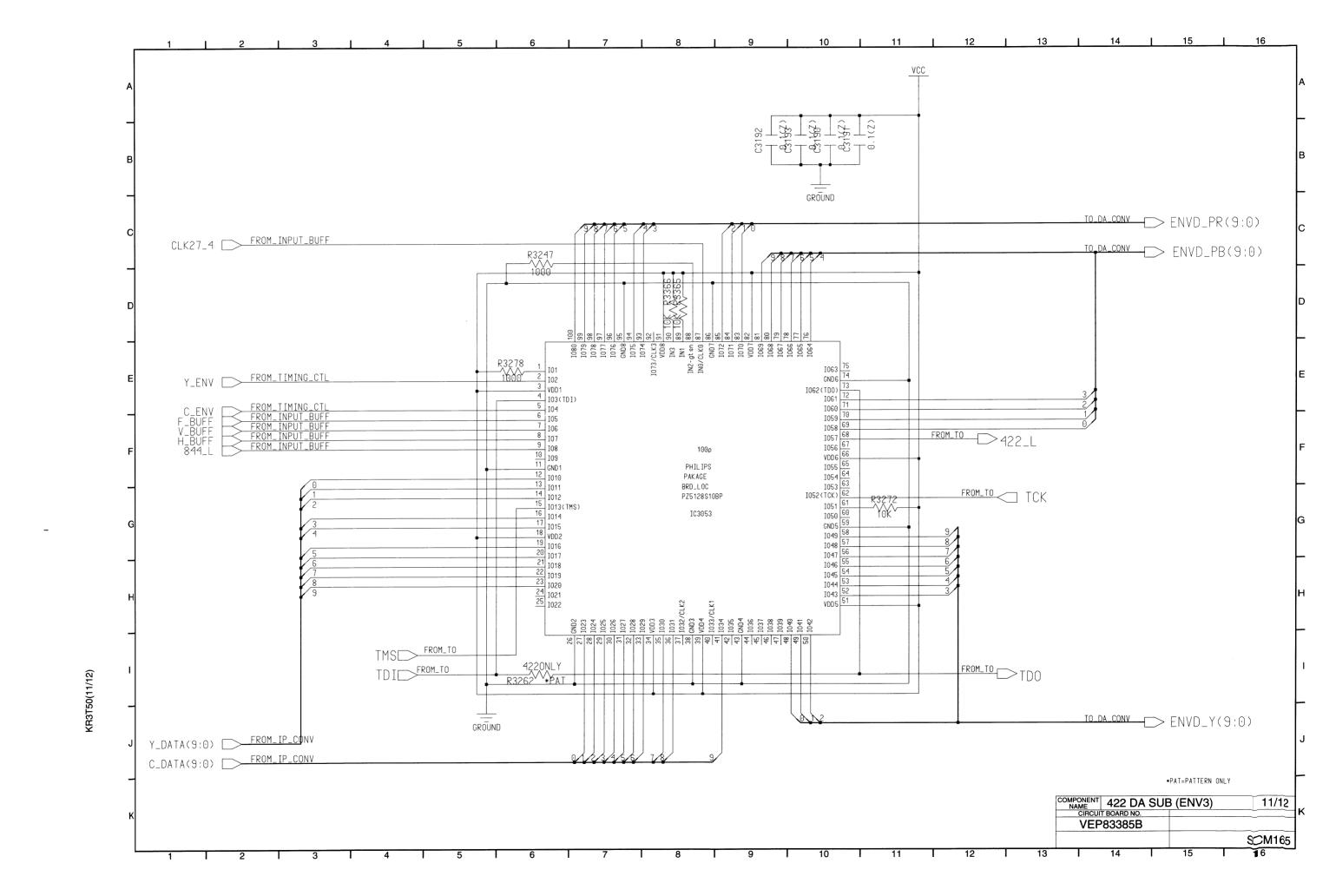






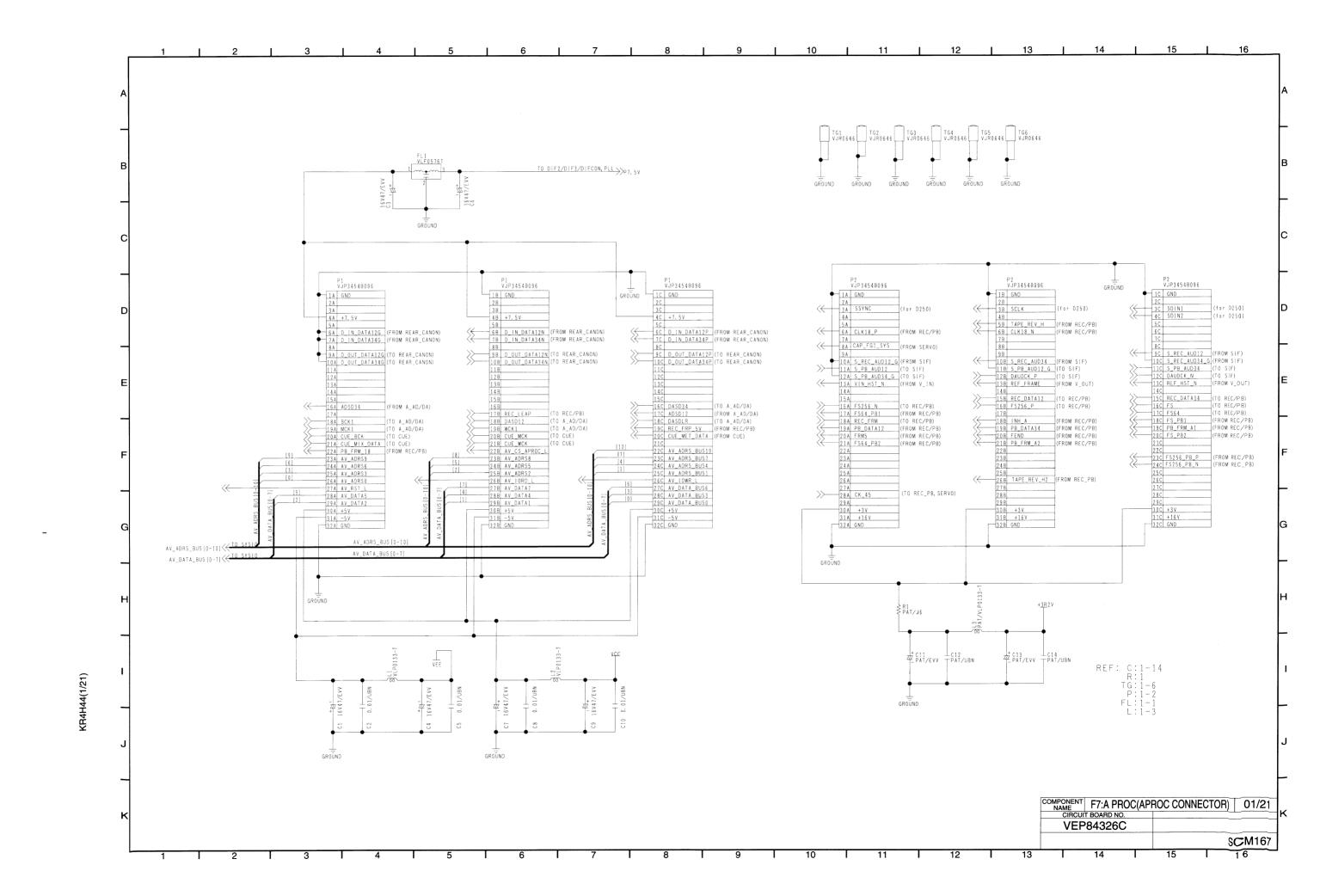


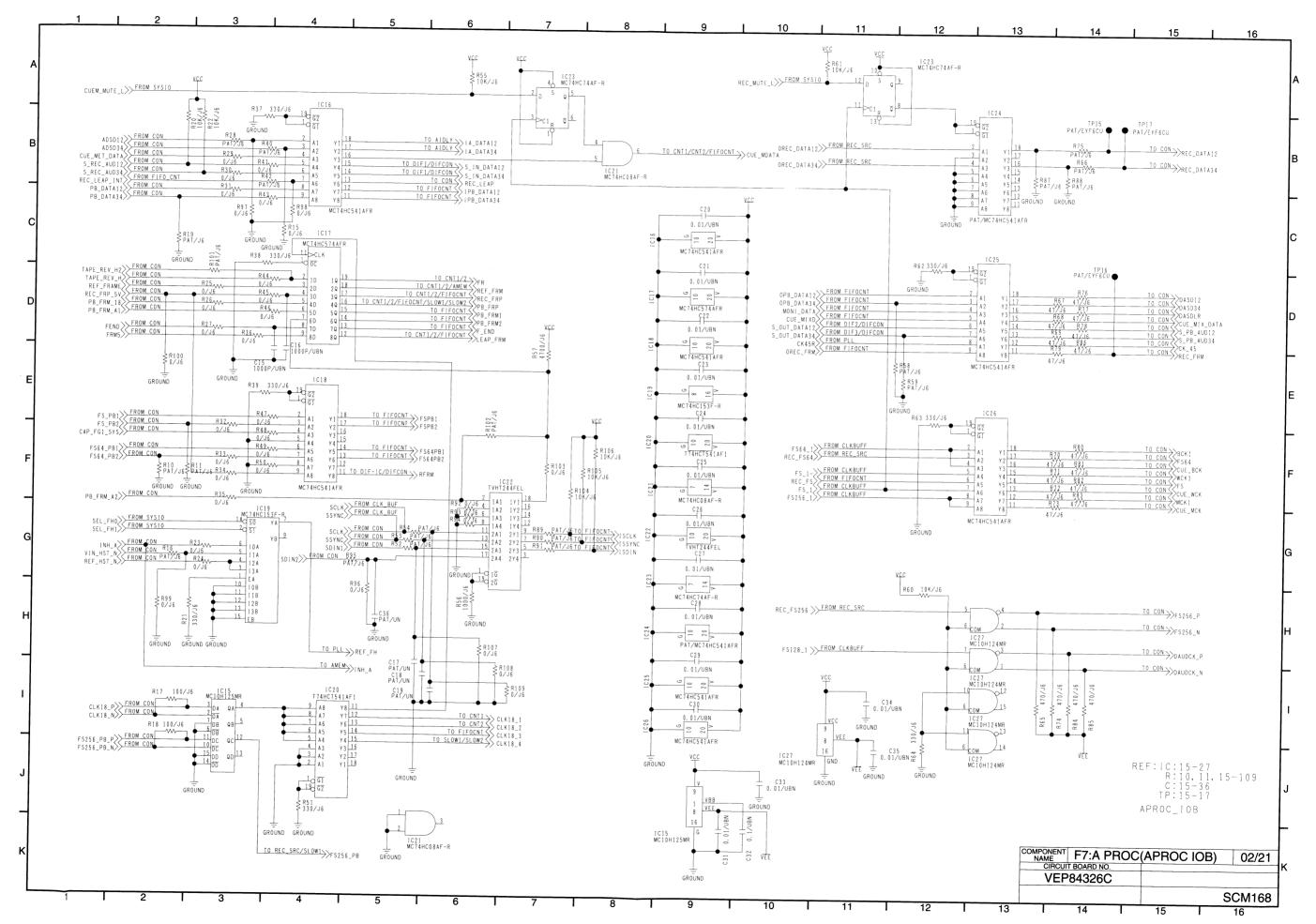


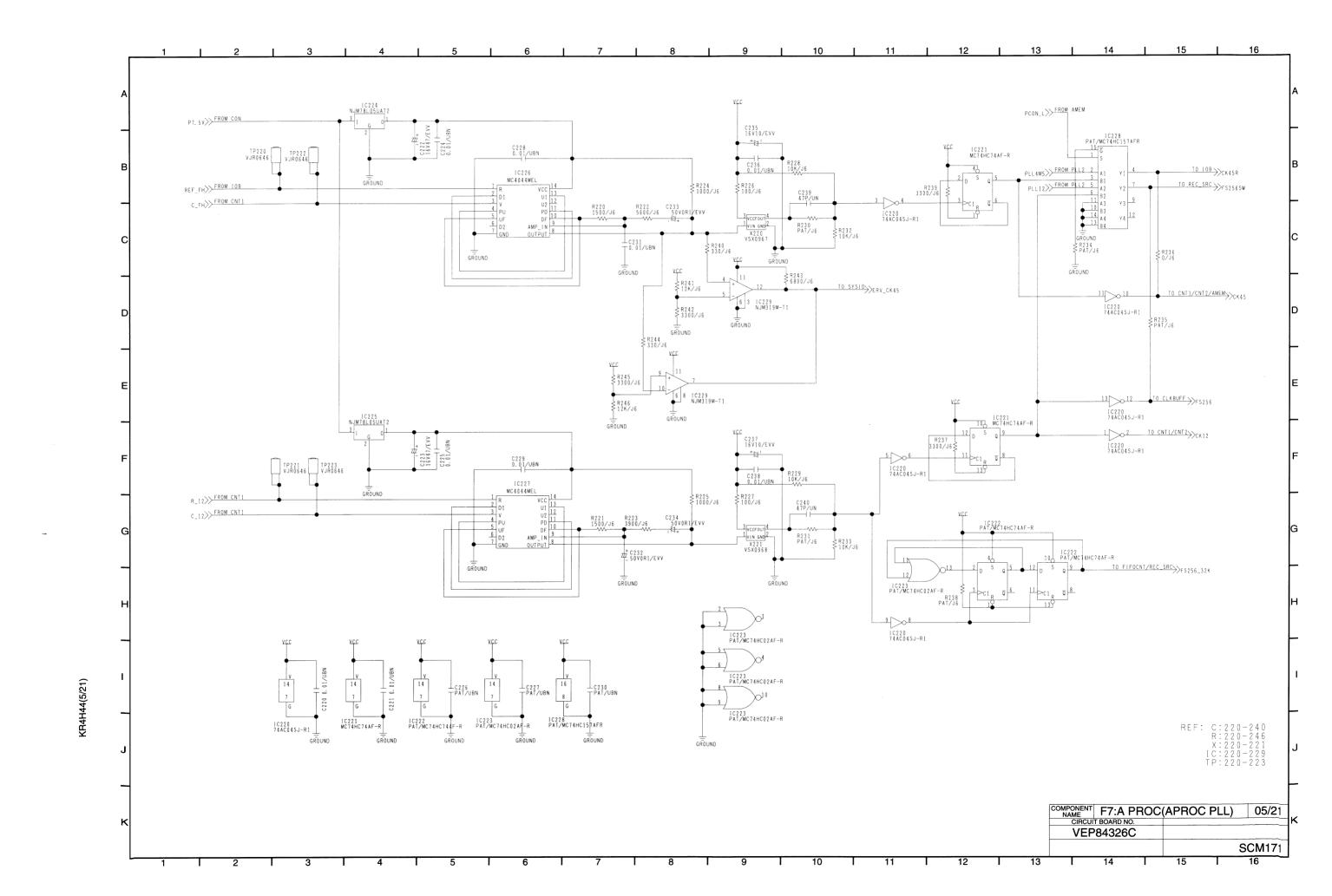


9 10 _____11 12 13 14 15 Ref No. AJ-D940 Ref No. AJ-D940 Ref No. AJ-D940 Ref No. AJ-D940 C3086 IC3044 -----R3141 R3364 -----C3087 IC3045 -----R3142 R3365 C3088 IC3046 -----R3143 R3366 C3089 IC3047 -----R3144 VR3010 C3090 -----IC3048 R3145 VR3011 C3091 -----IC3049 R3146 -----VR3012 C3092 IC3050 R3147 -----VR3014 -----C3093 -----IC3051 R3148 -----C3094 IC3052 R3149 -----C3095 -----IC3053 -----R3150 C3096 -----L3014 R3151 C3097 -----Q3017 R3152 C3098 Q3020 R3153 C3099 Q3023 R3154 C3100 Q3028 R3155 -----C3101 R3008 -----R3156 -----C3102 R3009 ERJ3GEY0R00V R3157 C3103 R3011 R3158 C3104 R3014 ERJ3GEY0R00V R3159 -----C3105 R3015 ERJ3GEY0R00V R3162 -----C3114 R3016 ERJ3GEY0R00V R3167 -----C3117 R3017 R3172 -----C3121 -----R3018 R3174 C3125 -----R3019 -----R3178 C3128 -----R3020 R3190 C3132 R3021 ----------R3192 C3174 R3022 -----R3197 ERJ6RED510V C3175 R3095 -----R3203 C3176 R3096 -----R3210 C3177 R3097 -----R3211 C3178 -----R3099 R3216 C3179 R3100 R3228 -----C3180 R3101 R3235 -----C3181 -----R3102 R3238 -----C3182 -----R3108 -----R3242 -----C3183 -----R3109 -----R3243 C3184 R3110 -----R3244 C3185 R3111 -----R3245 ERJ3GEY0R00V C3186 R3112 -----R3246 C3187 R3113 -----R3247 C3188 R3114 -----R3260 ERJ3GEY0R00V C3189 R3115 -----R3261 ERJ3GEY0R00V C3190 -----R3116 R3262 ERJ3GEY0R00V C3191 R3117 R3270 C3192 R3118 R3271 -----C3193 R3119 R3272 -----D3002 -----R3120 -----R3276 -----IC3020 -----R3123 R3277 IC3021 -----R3124 R3278 IC3022 R3125 R3280 ERJ3GEY0R00V IC3023 R3126 -----R3281 IC3024 R3127 -----R3283 ERJ3GEYJ121V IC3025 R3128 -----R3300 IC3026 -----R3129 R3301 IC3027 -----R3130 R3302 -----IC3028 R3131 R3303 -----IC3029 -----R3133 R3310 ERJ3GEY0R00V IC3035 -----R3138 COMPONENT 422 DA SUB
CIRCUIT BOARD NO. -----R3361 IC3037 12/12 -----R3139 R3362 -----IC3043 R3140 R3363 VEP83385B SCM166 10 11 12 13 14

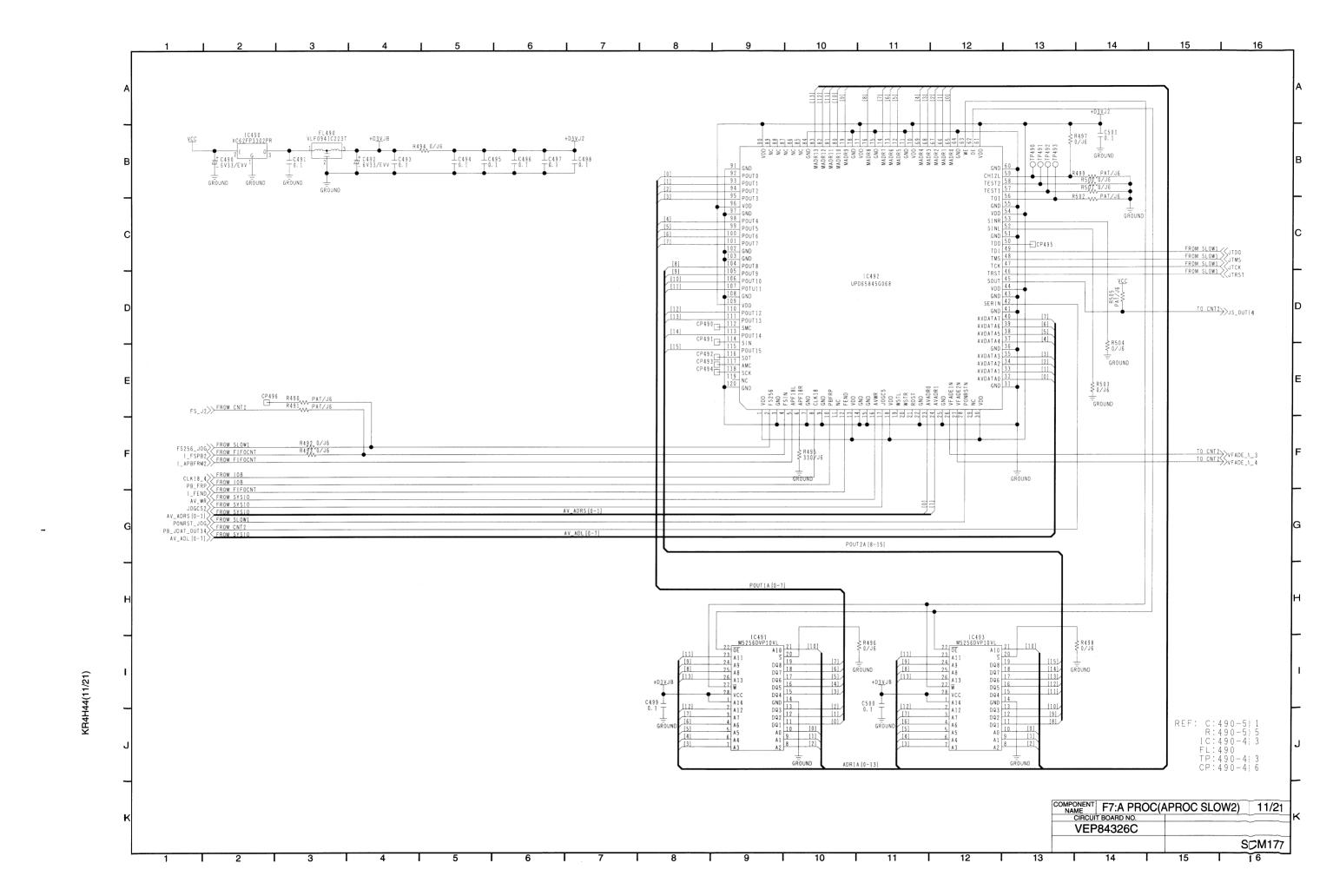
(R3T50(12/12)

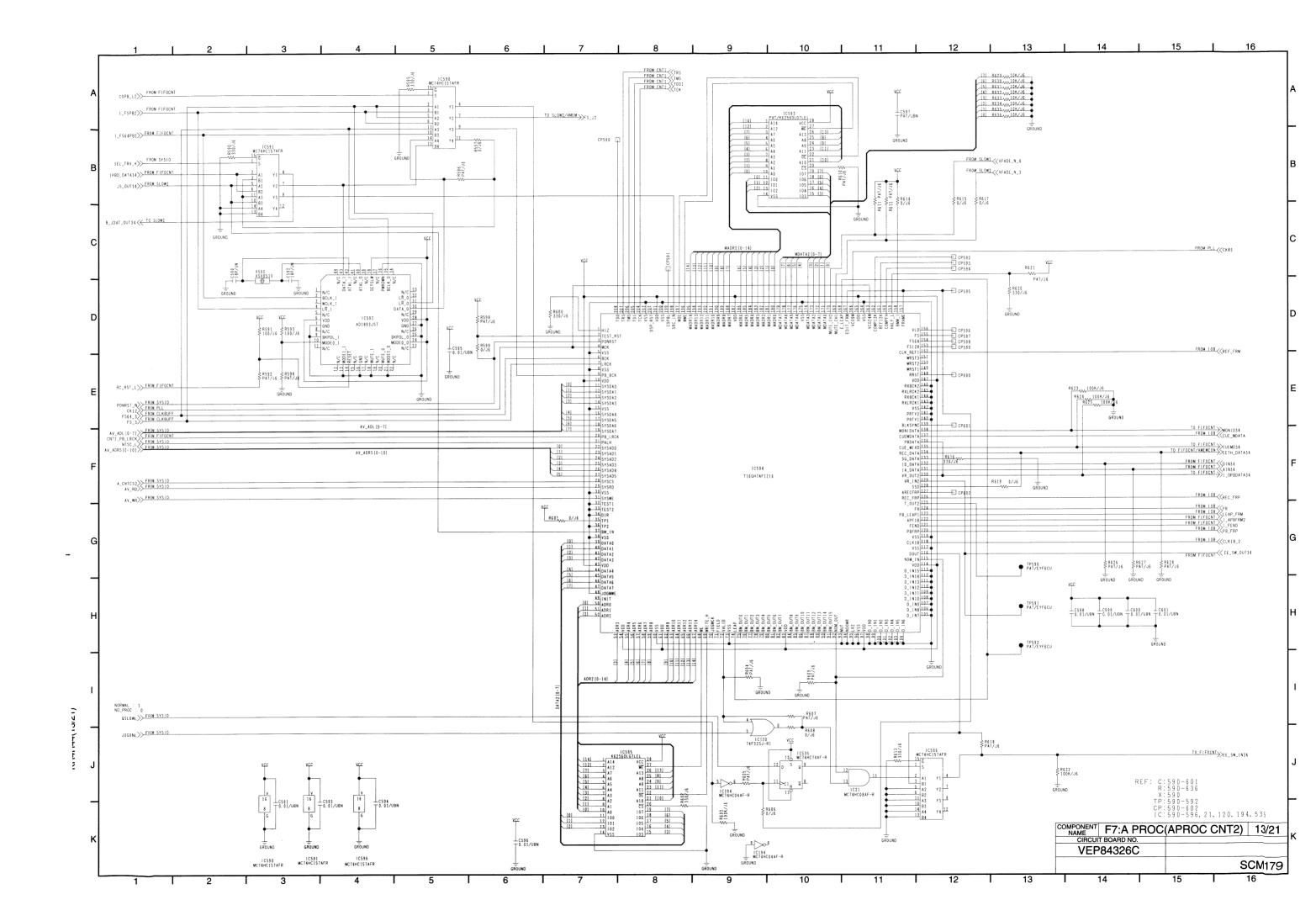


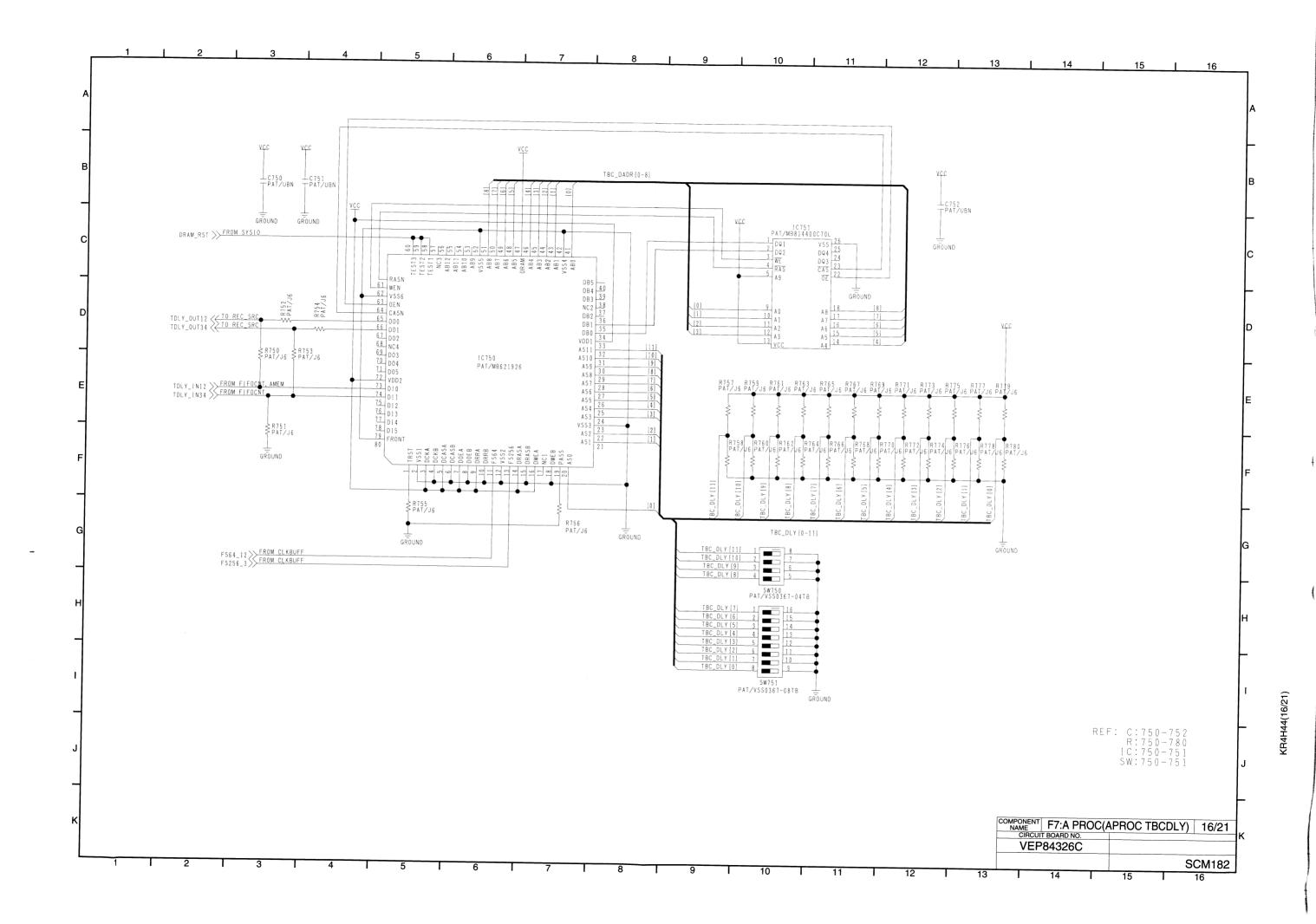


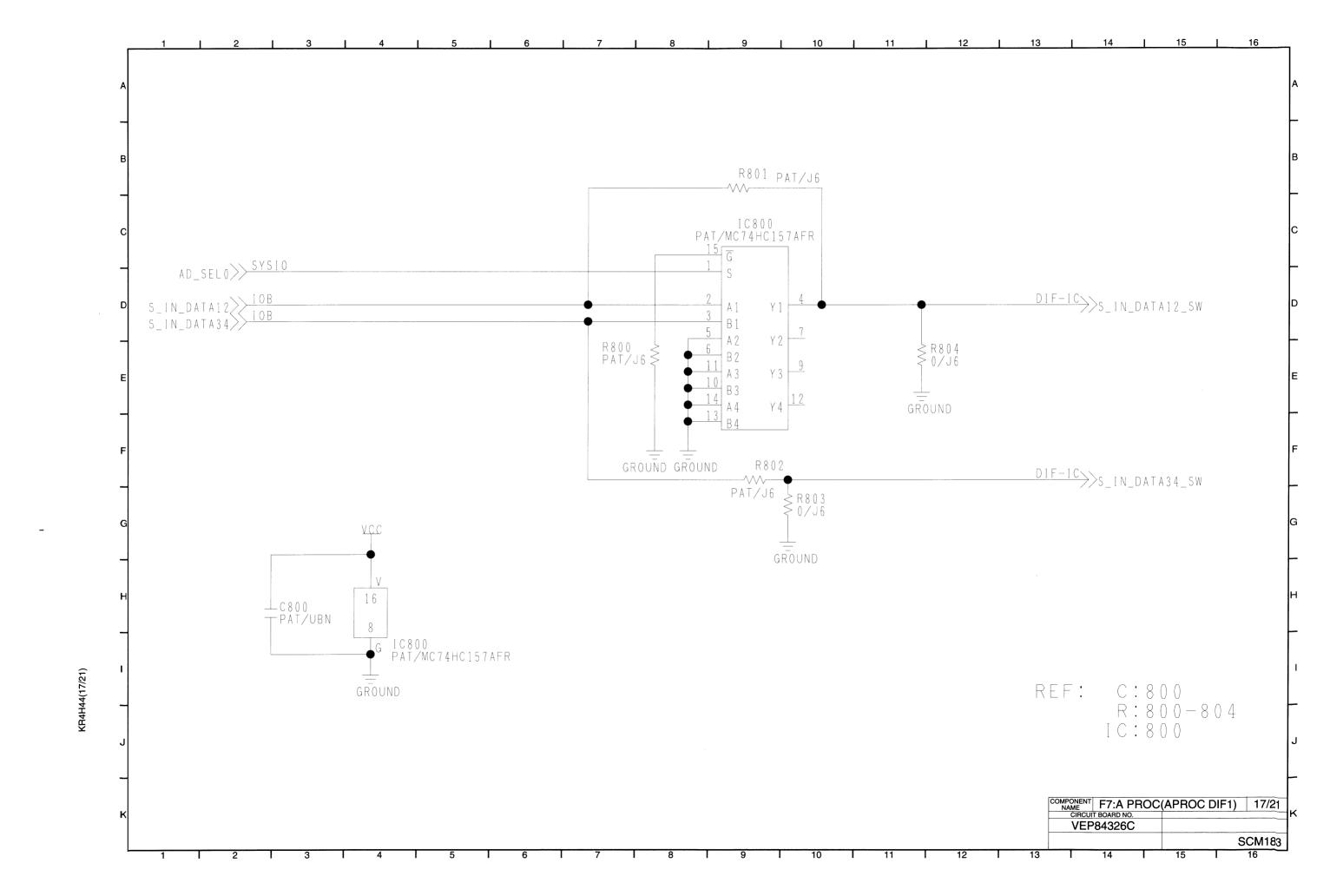


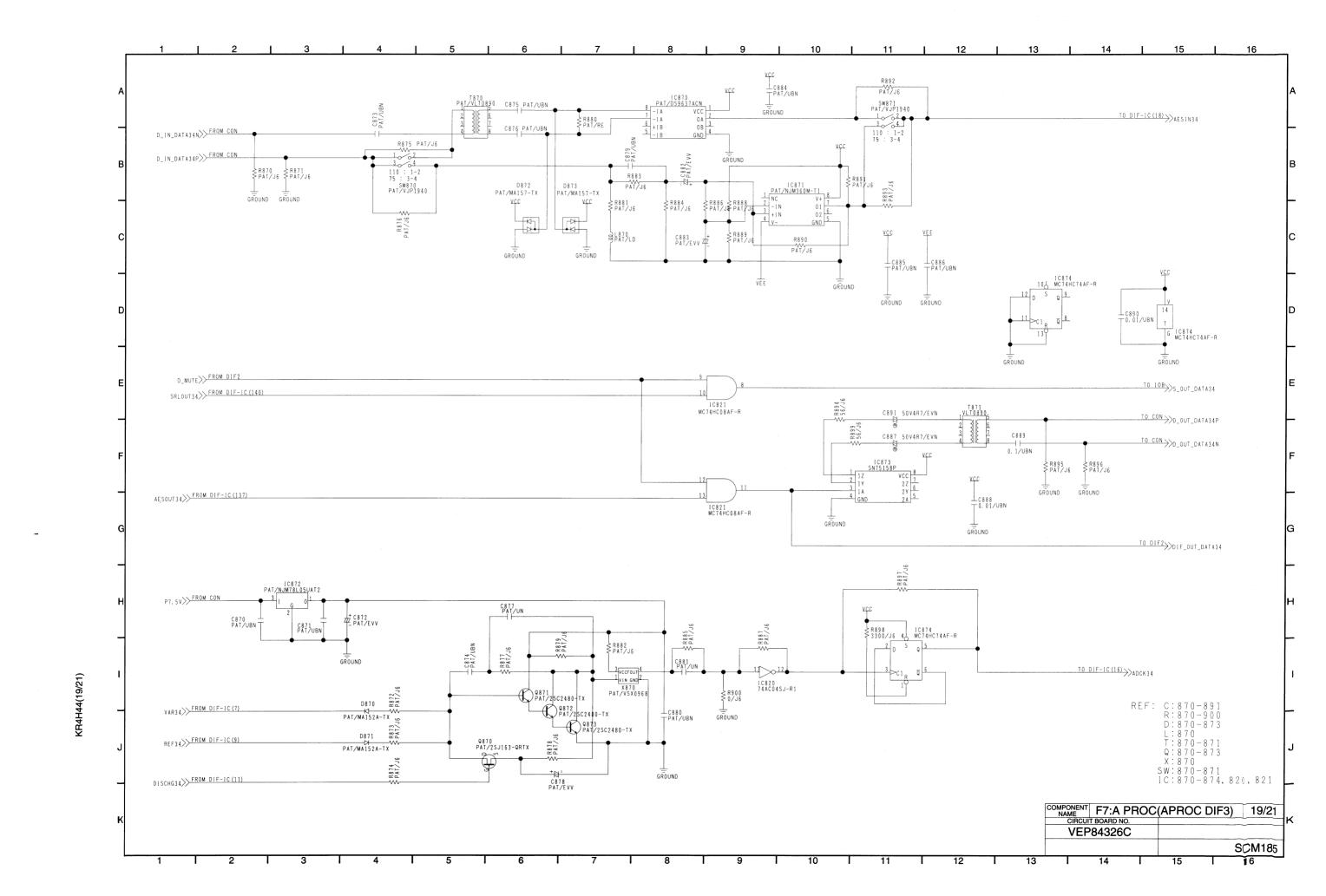
KR4H44(10/21)

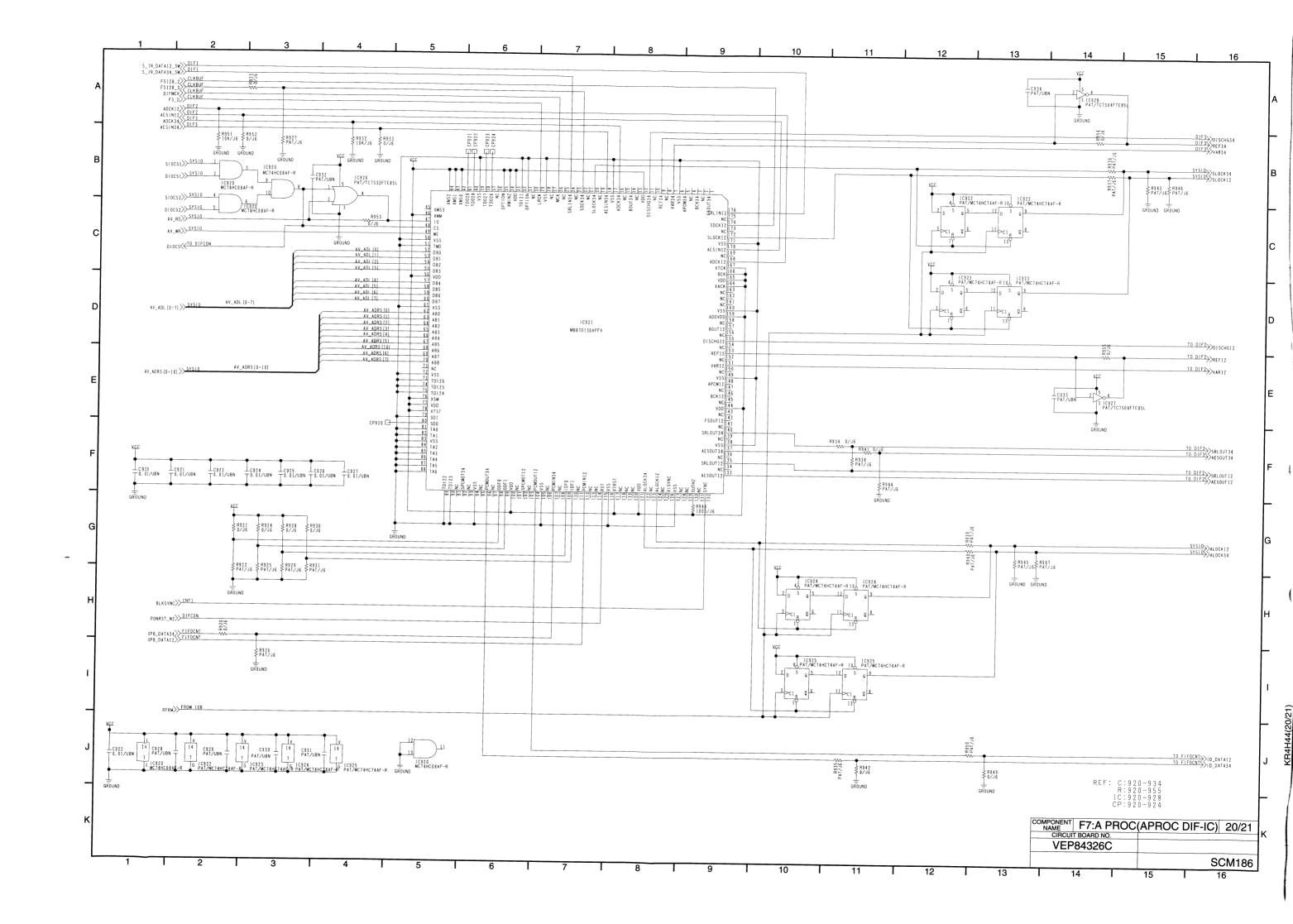


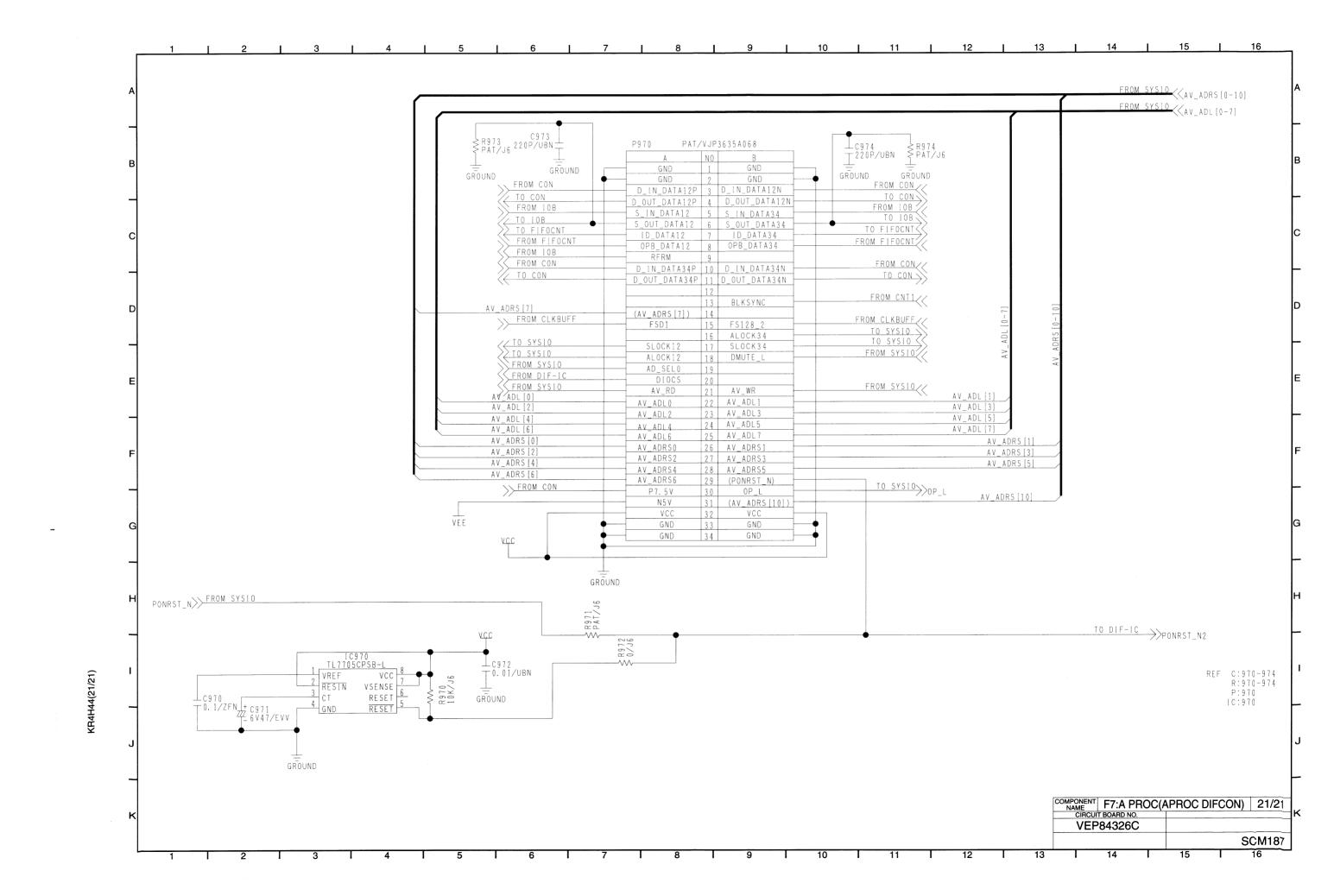


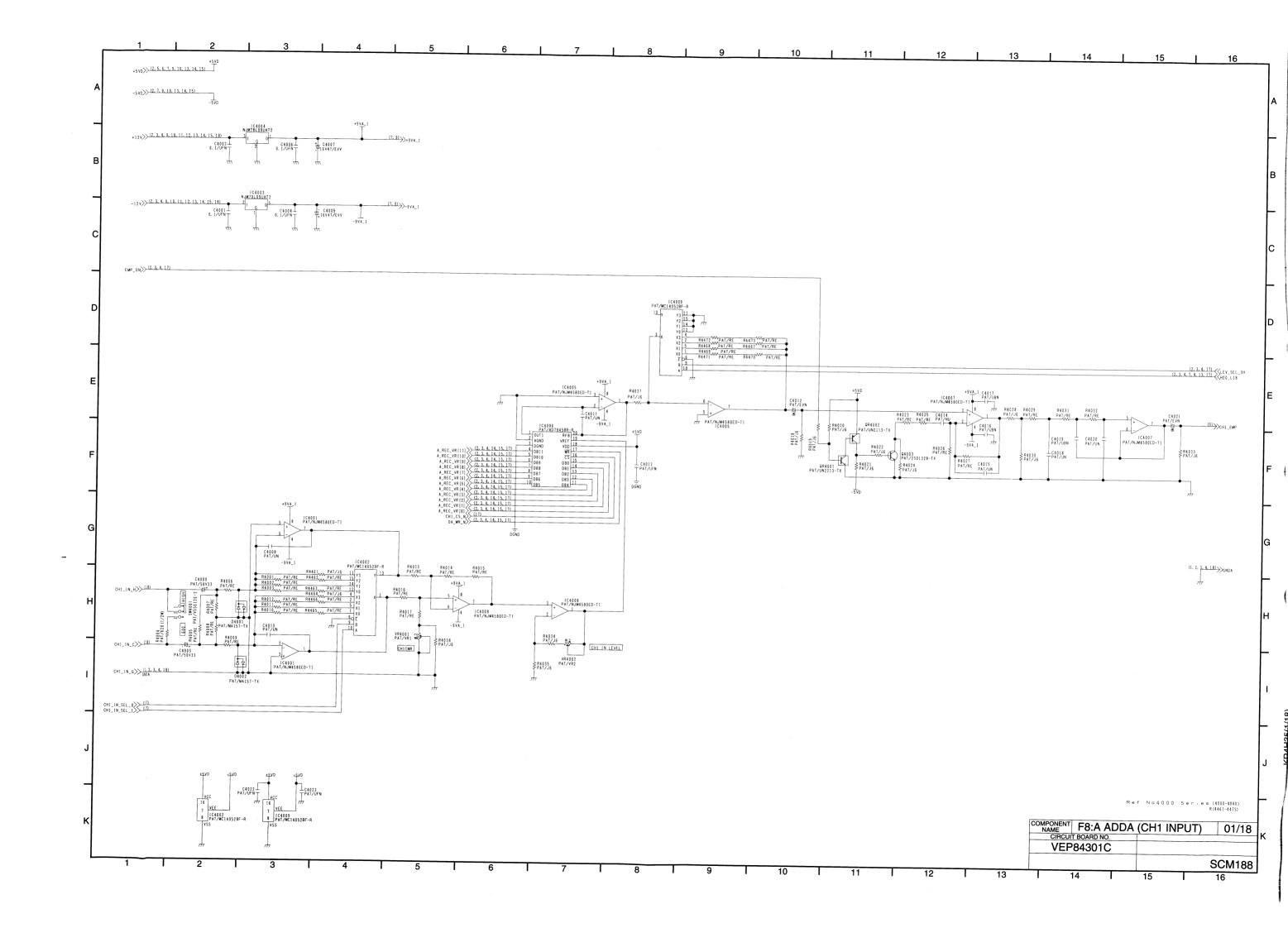


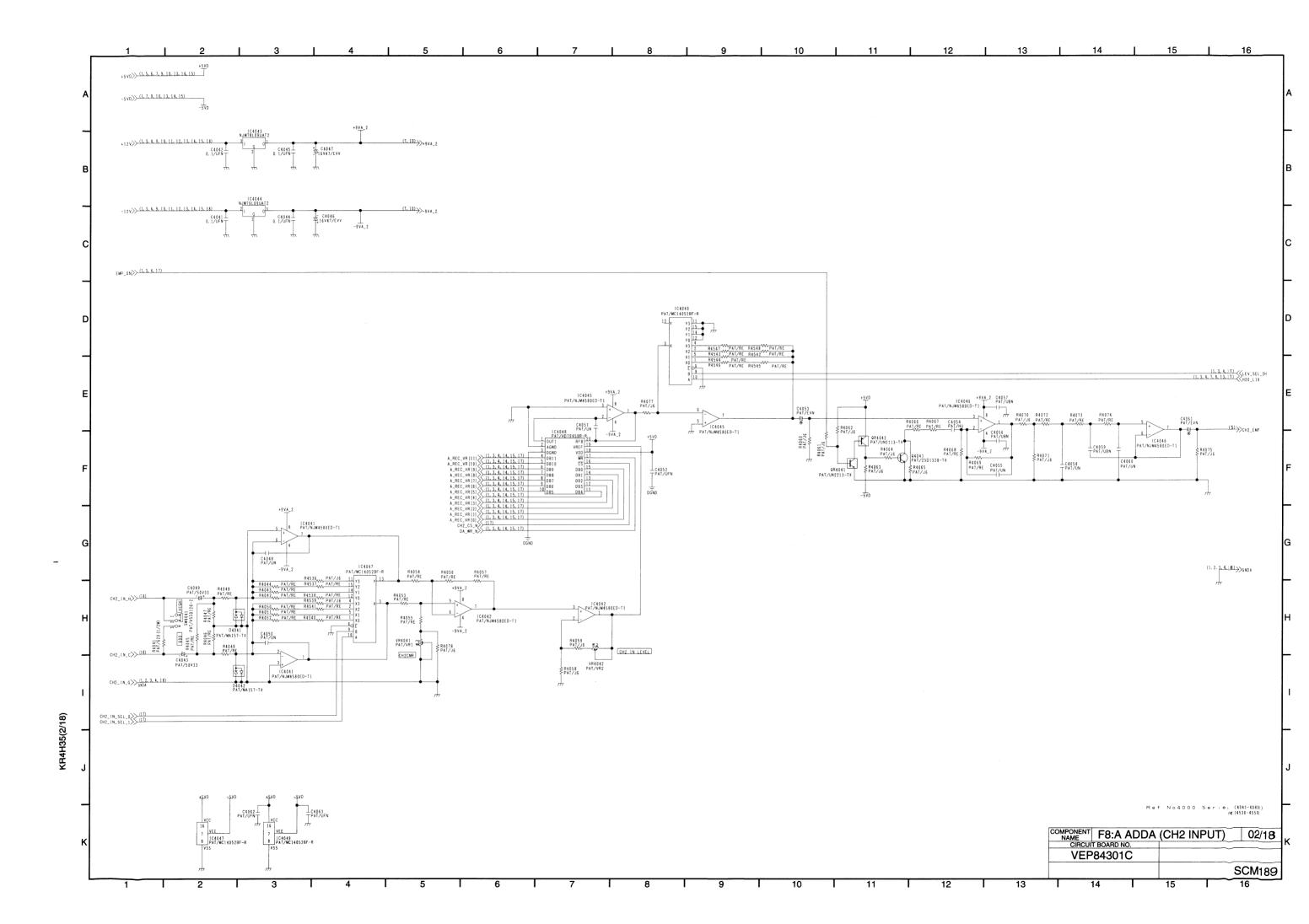


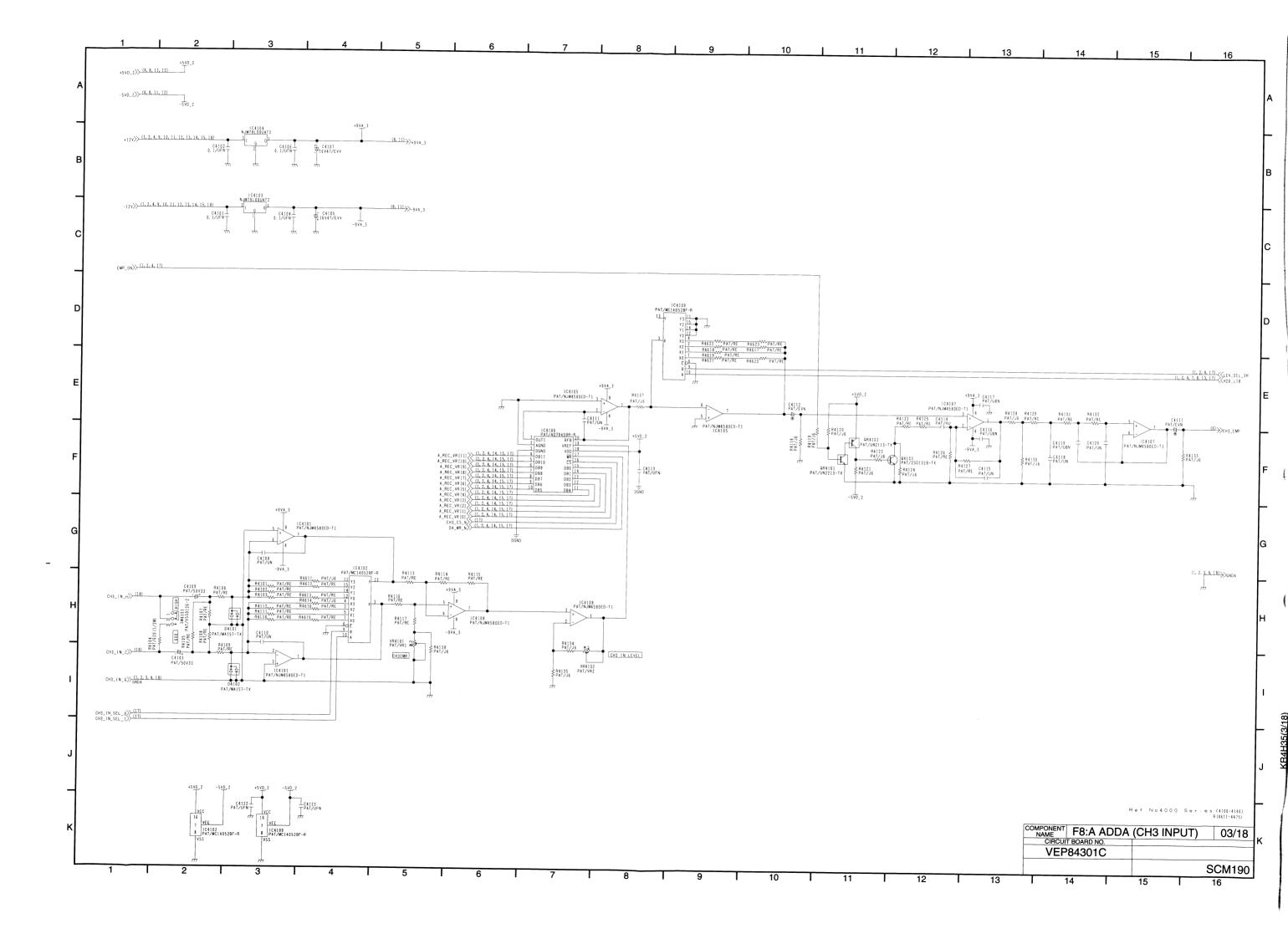


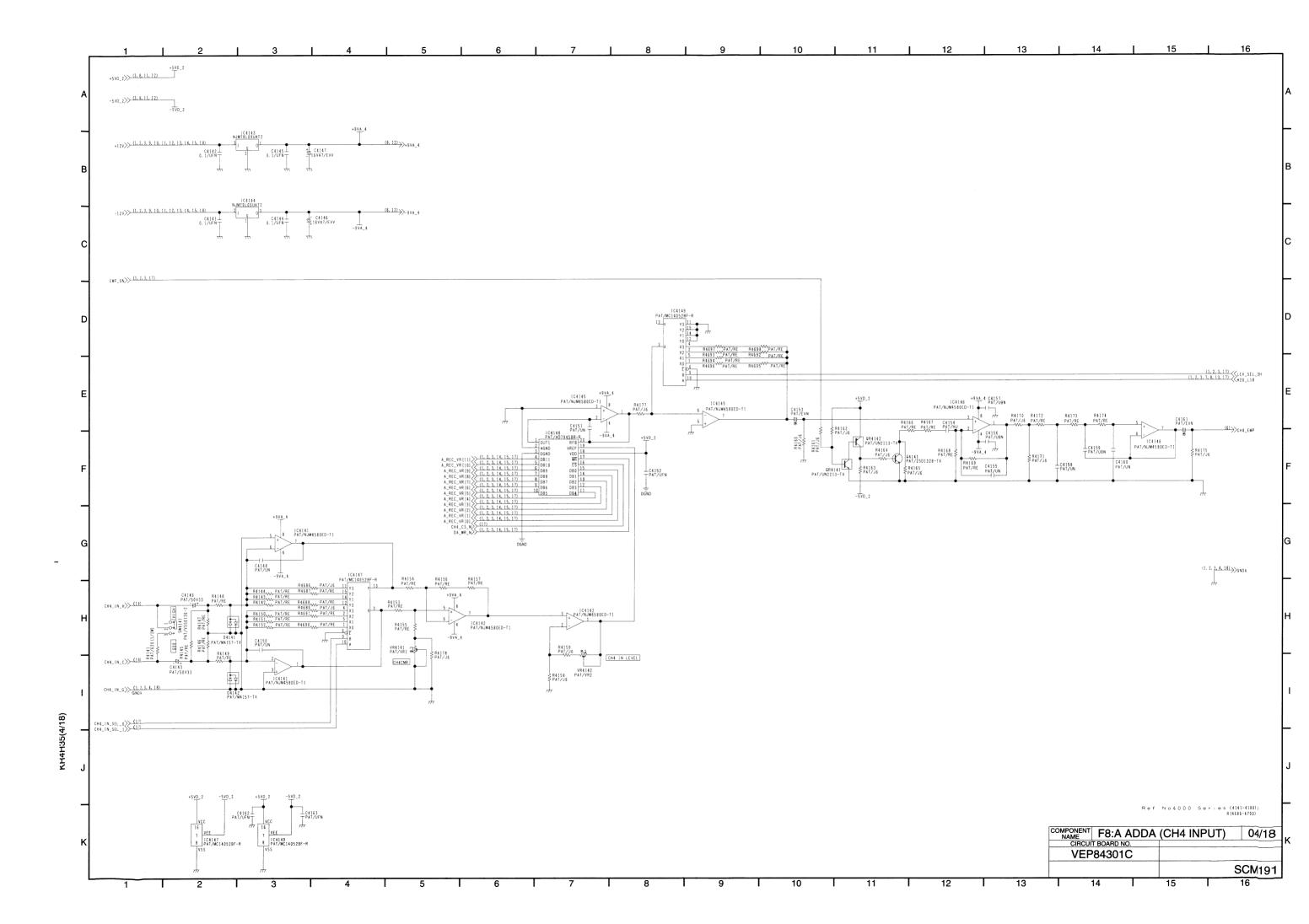




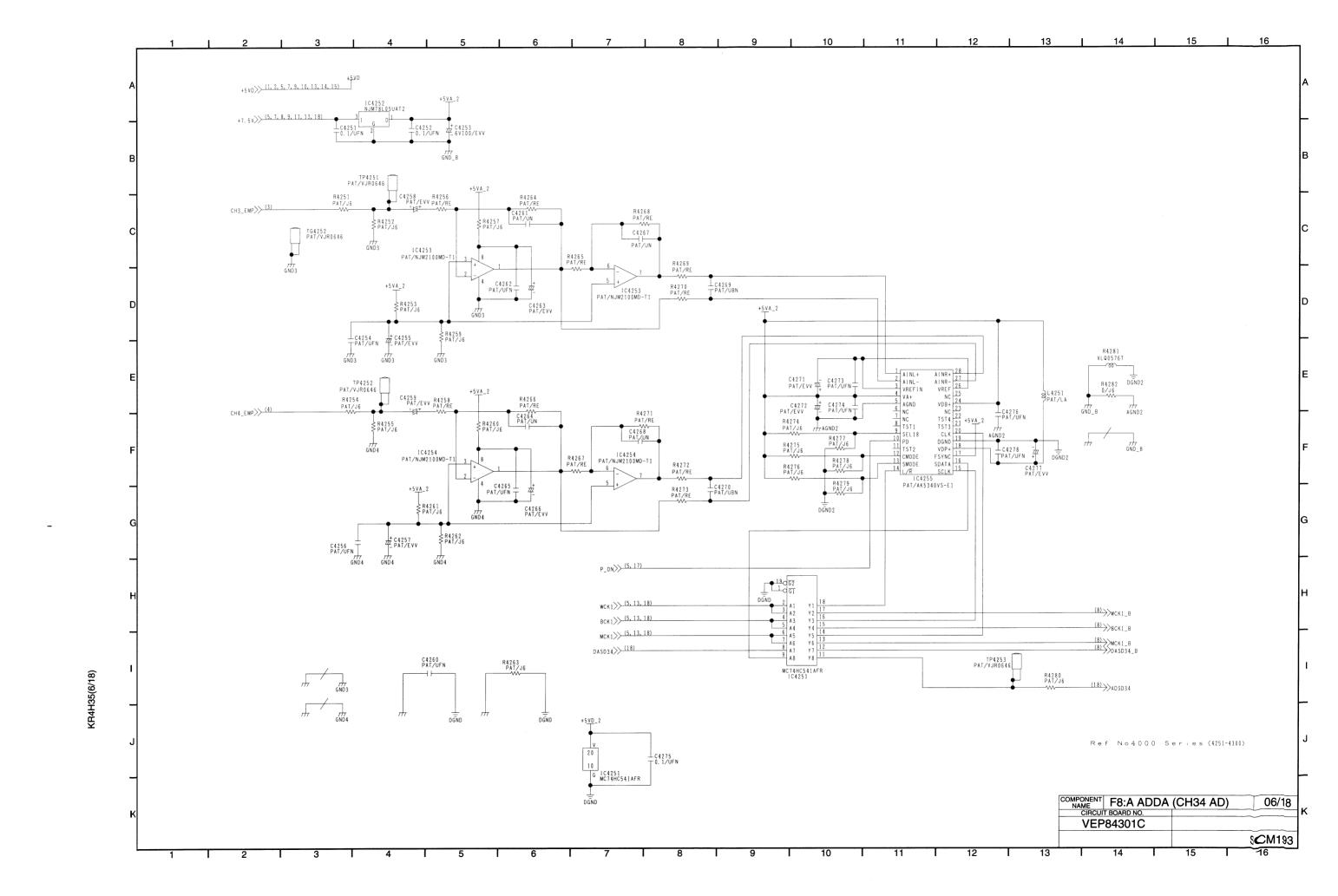


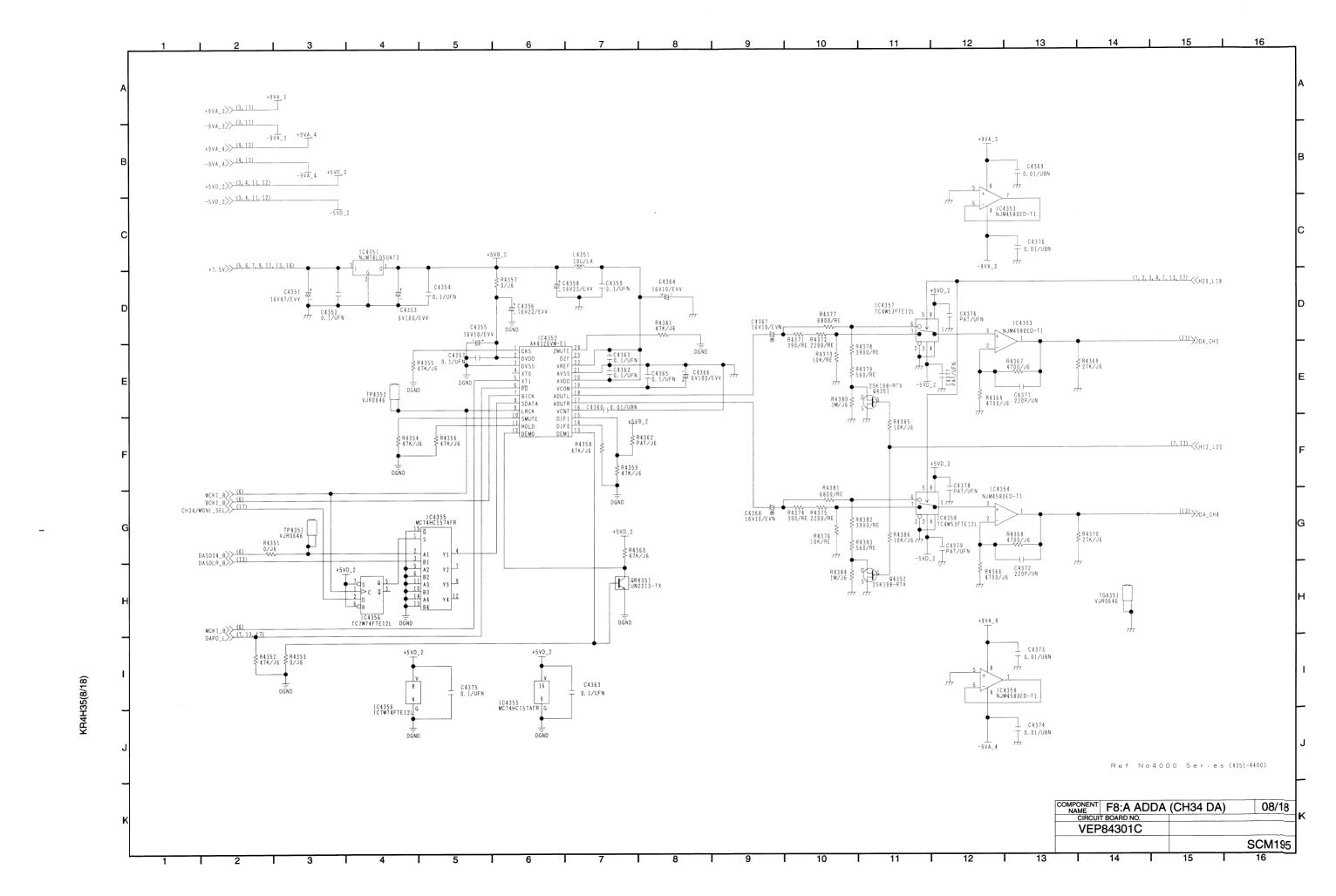


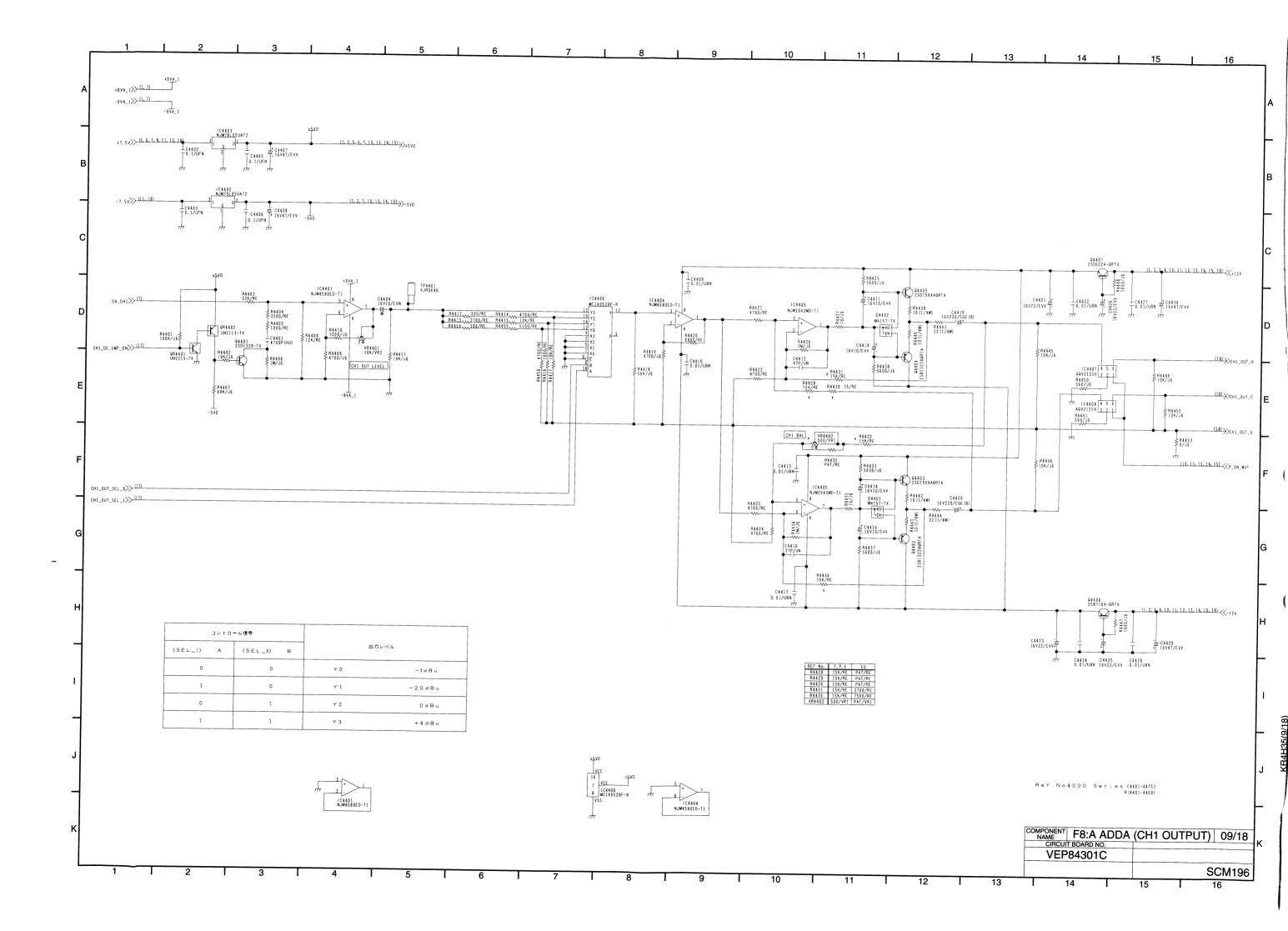


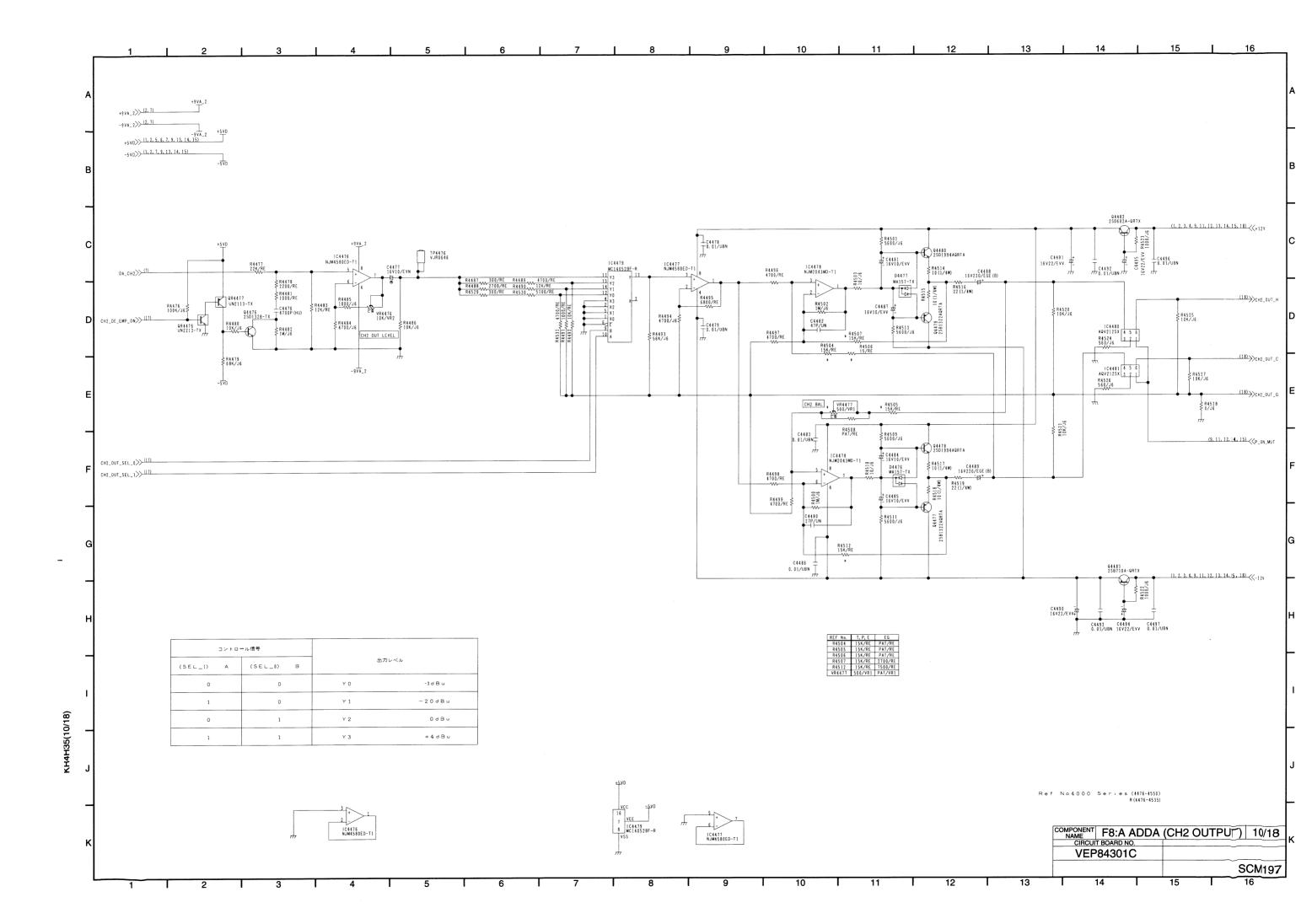


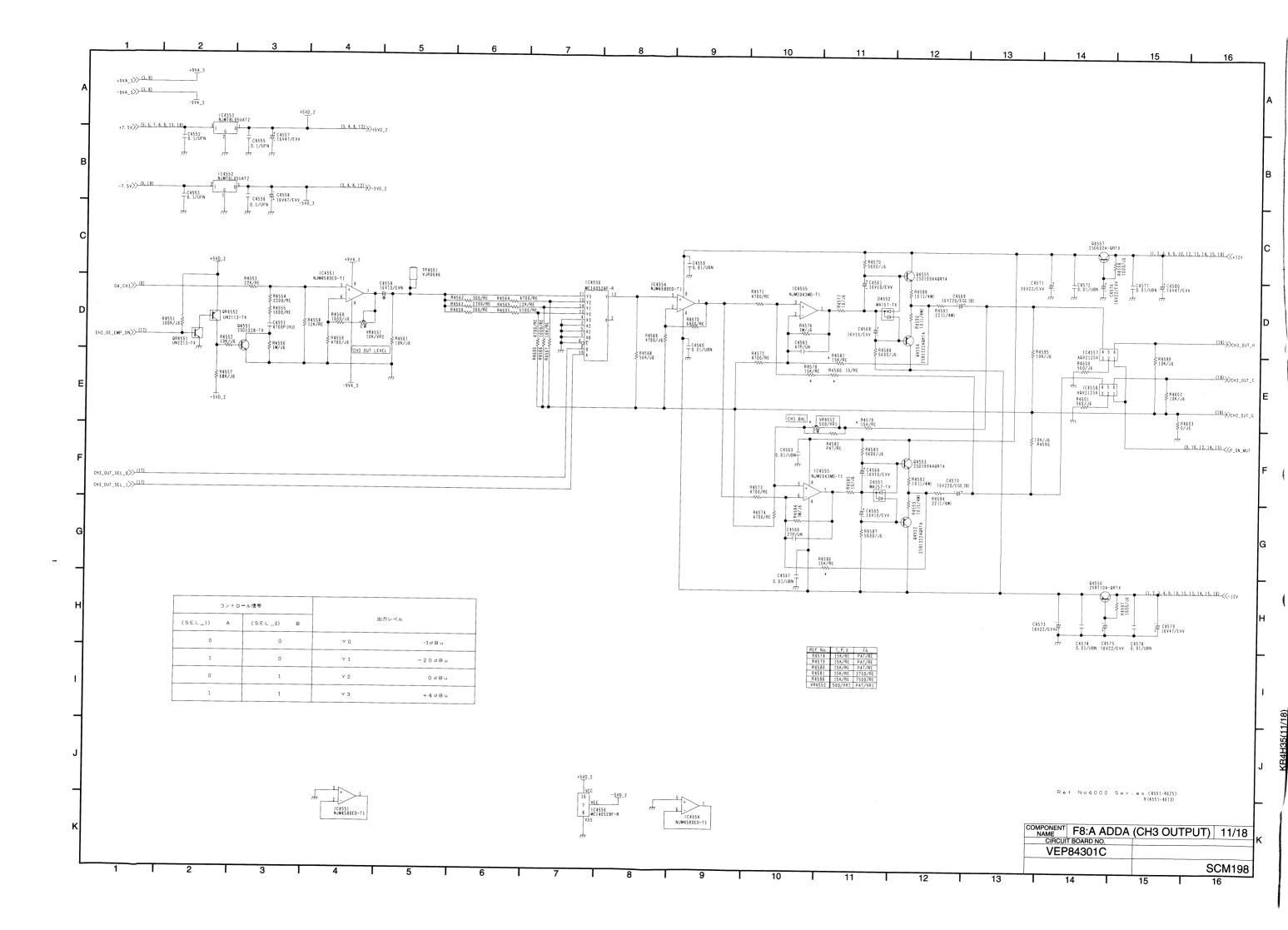
KR4H35(5/18)

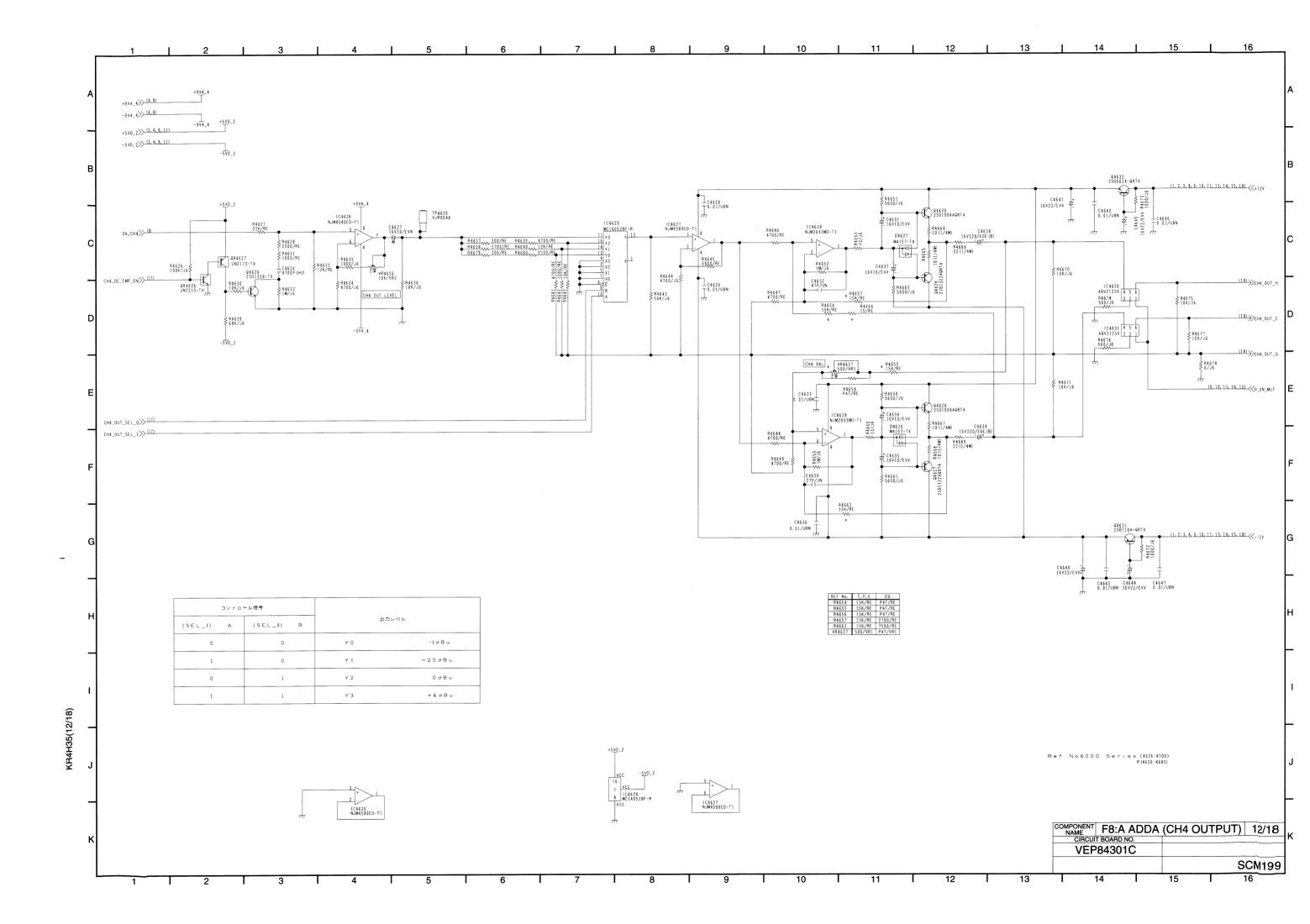


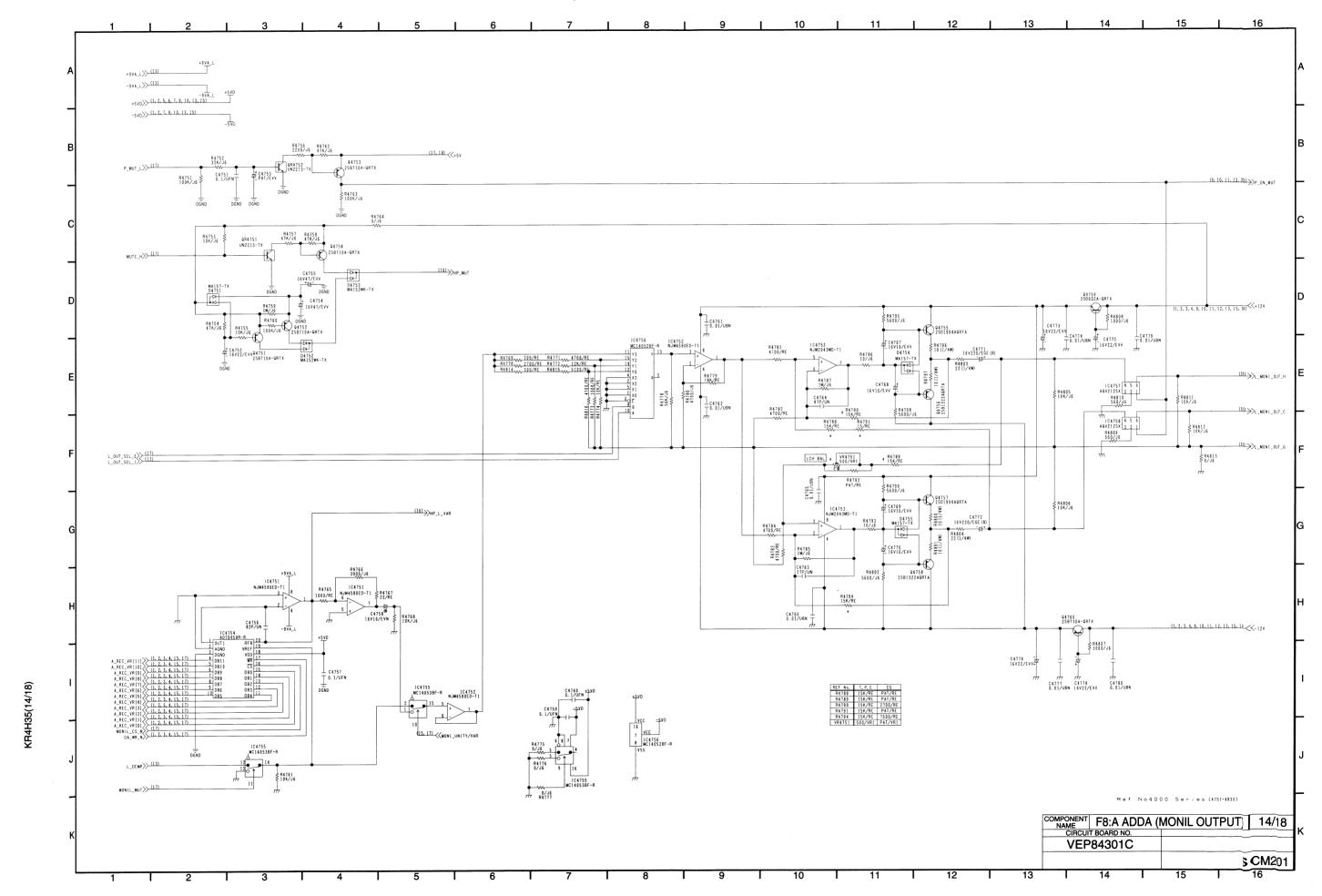




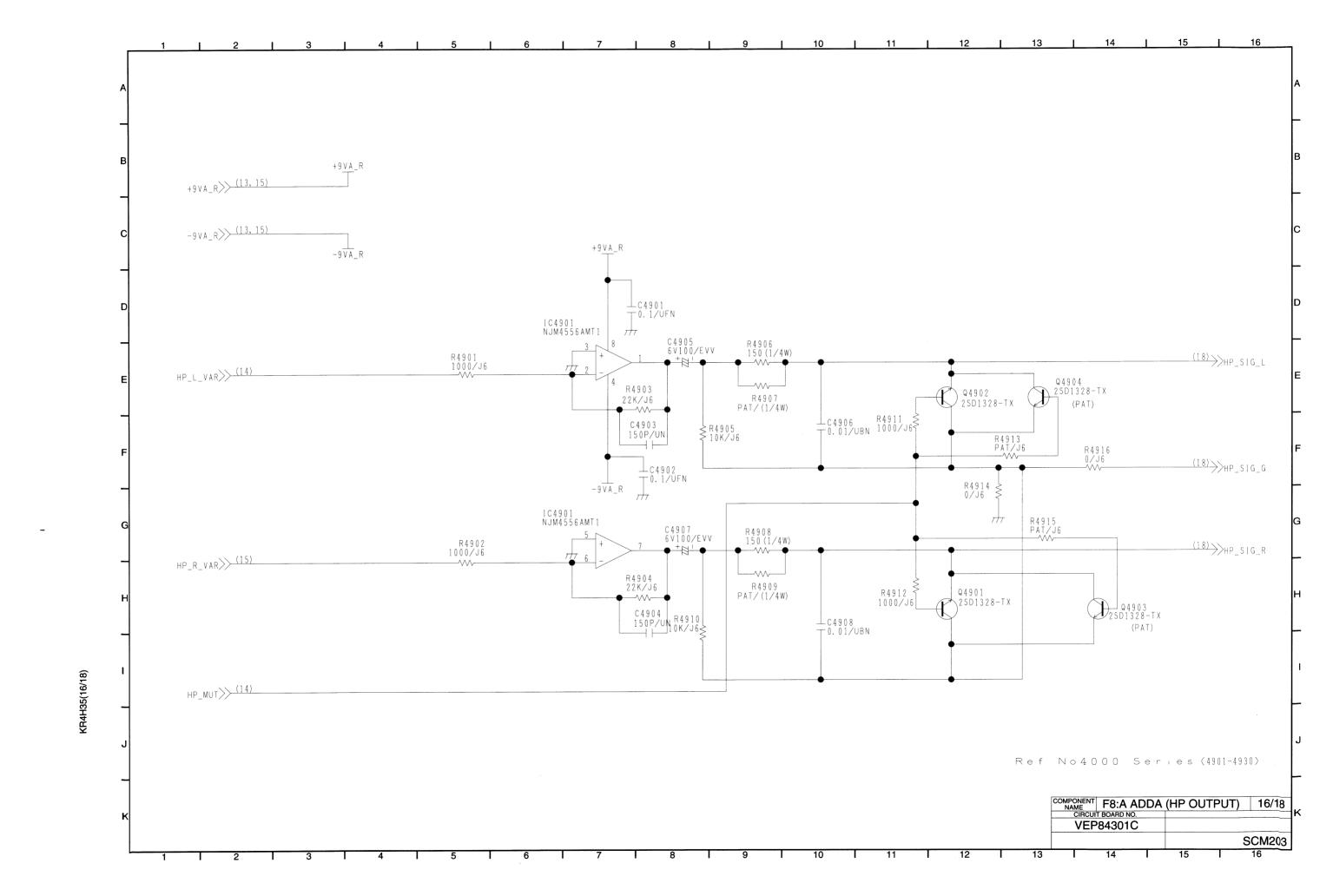


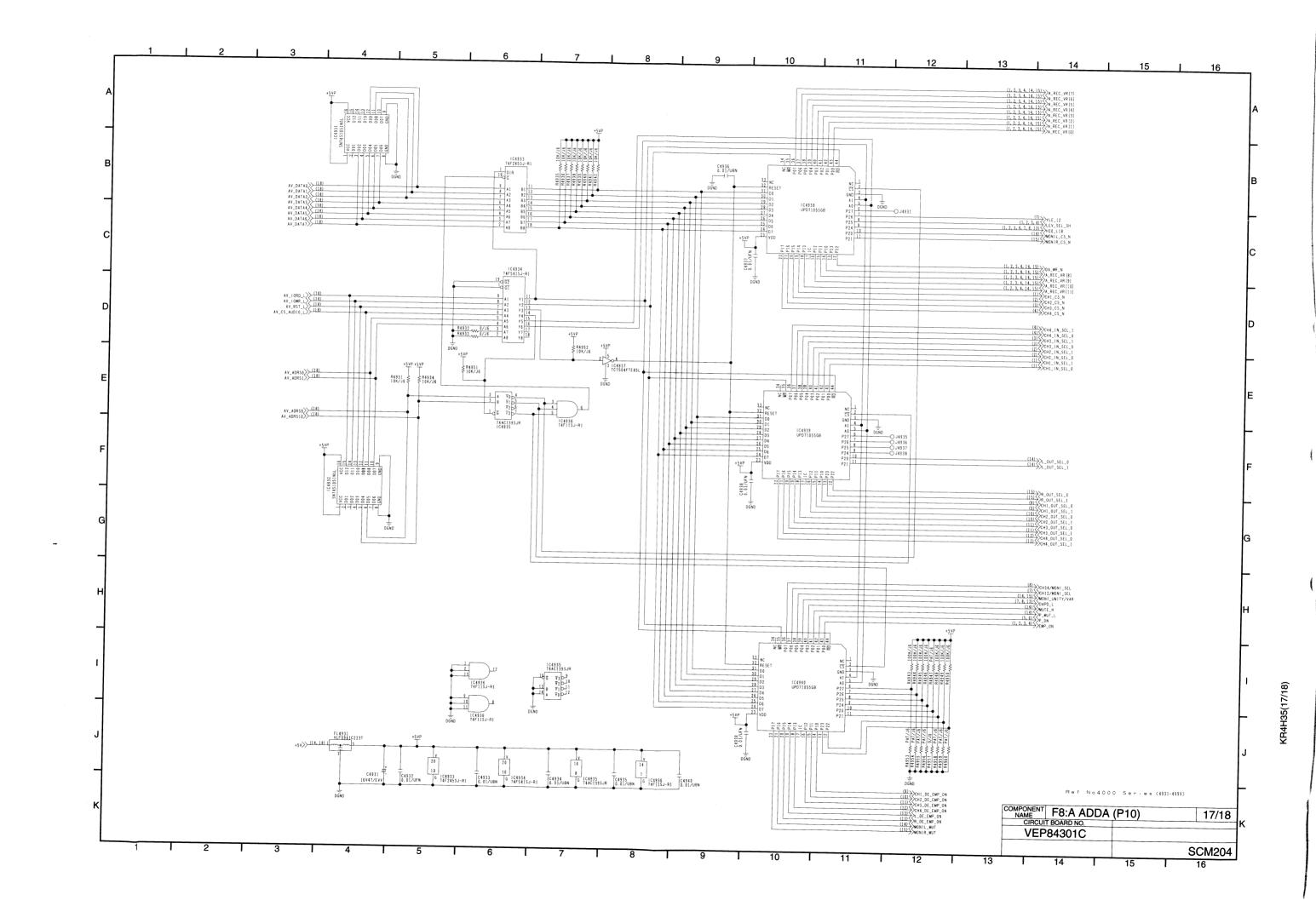


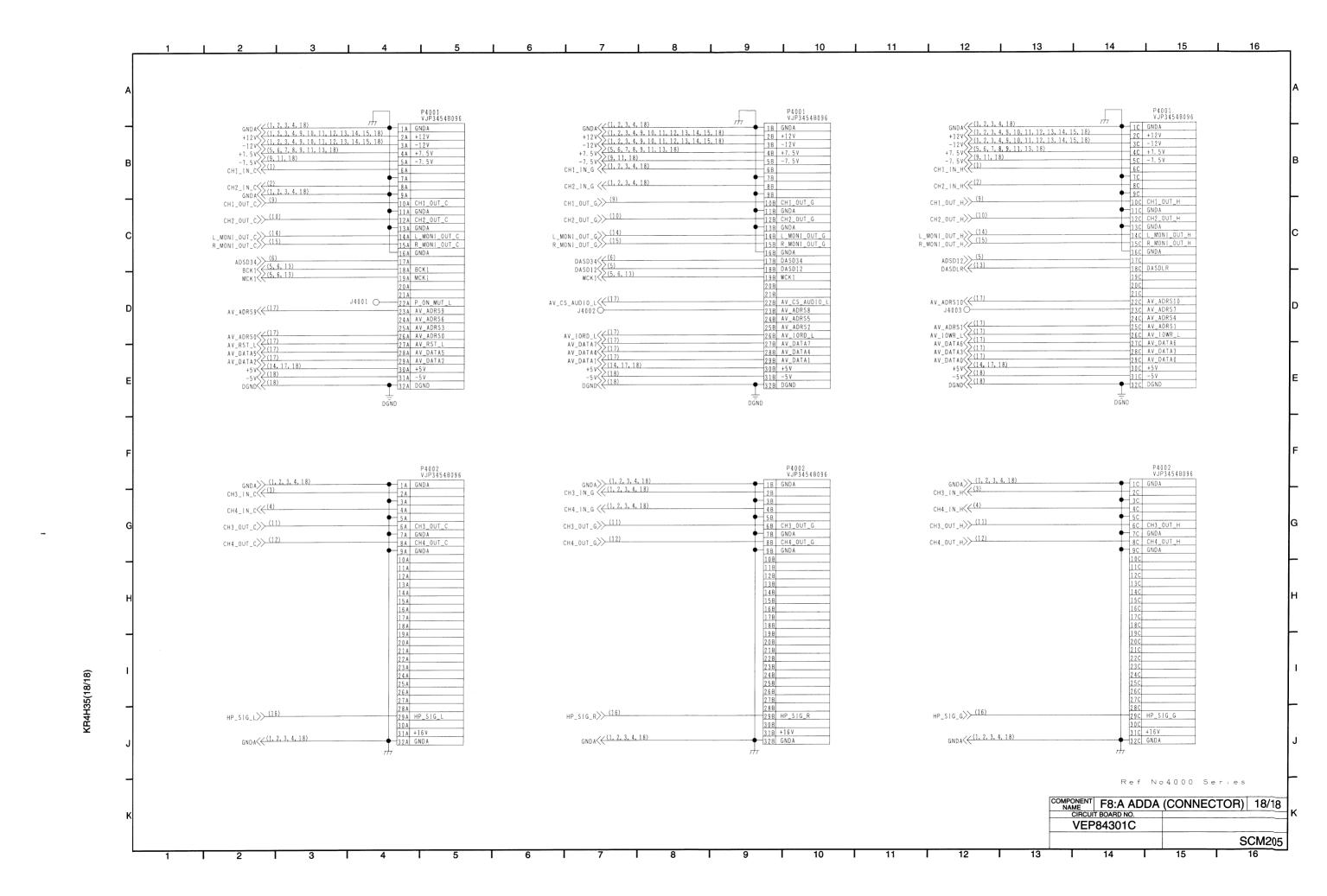


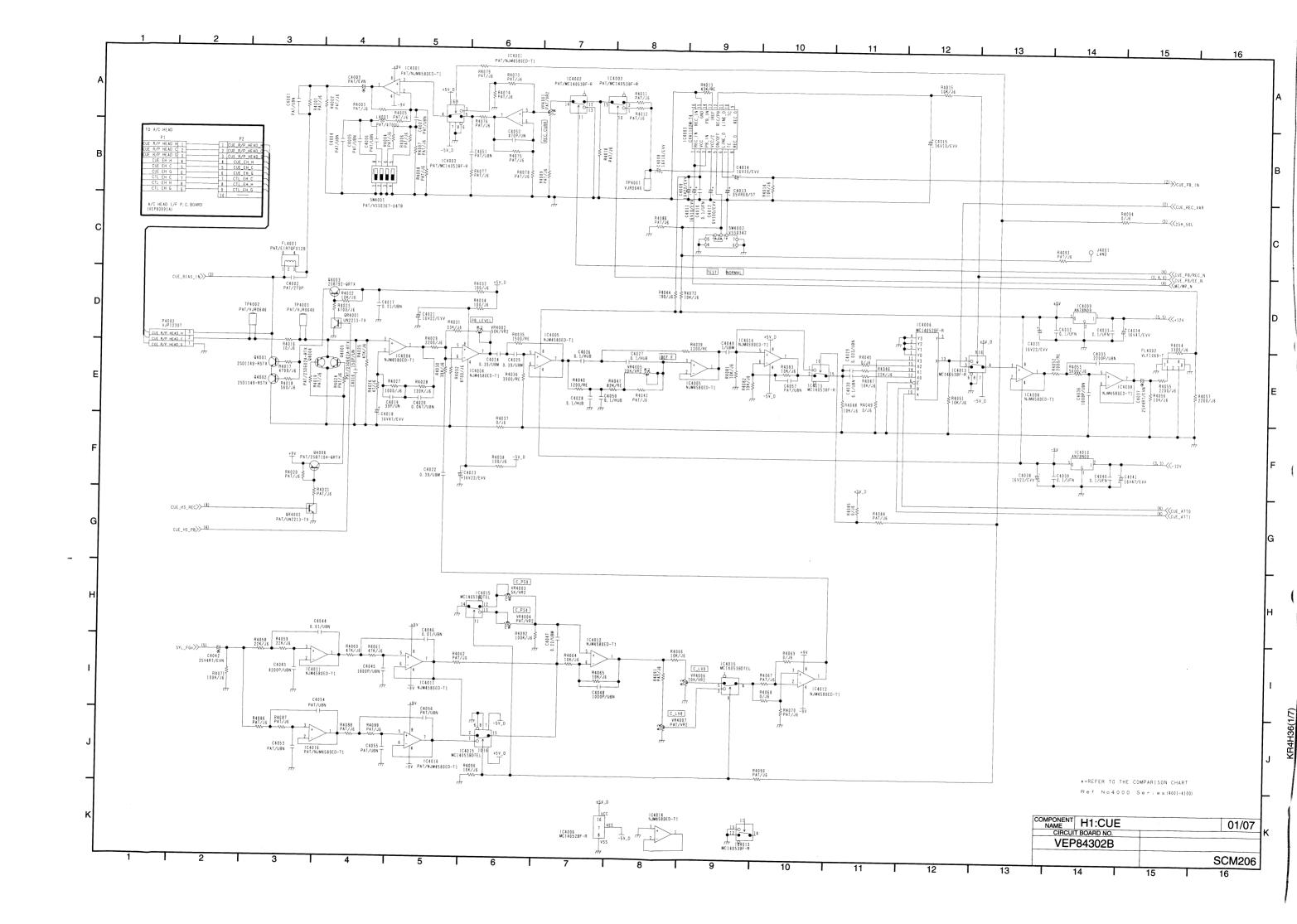


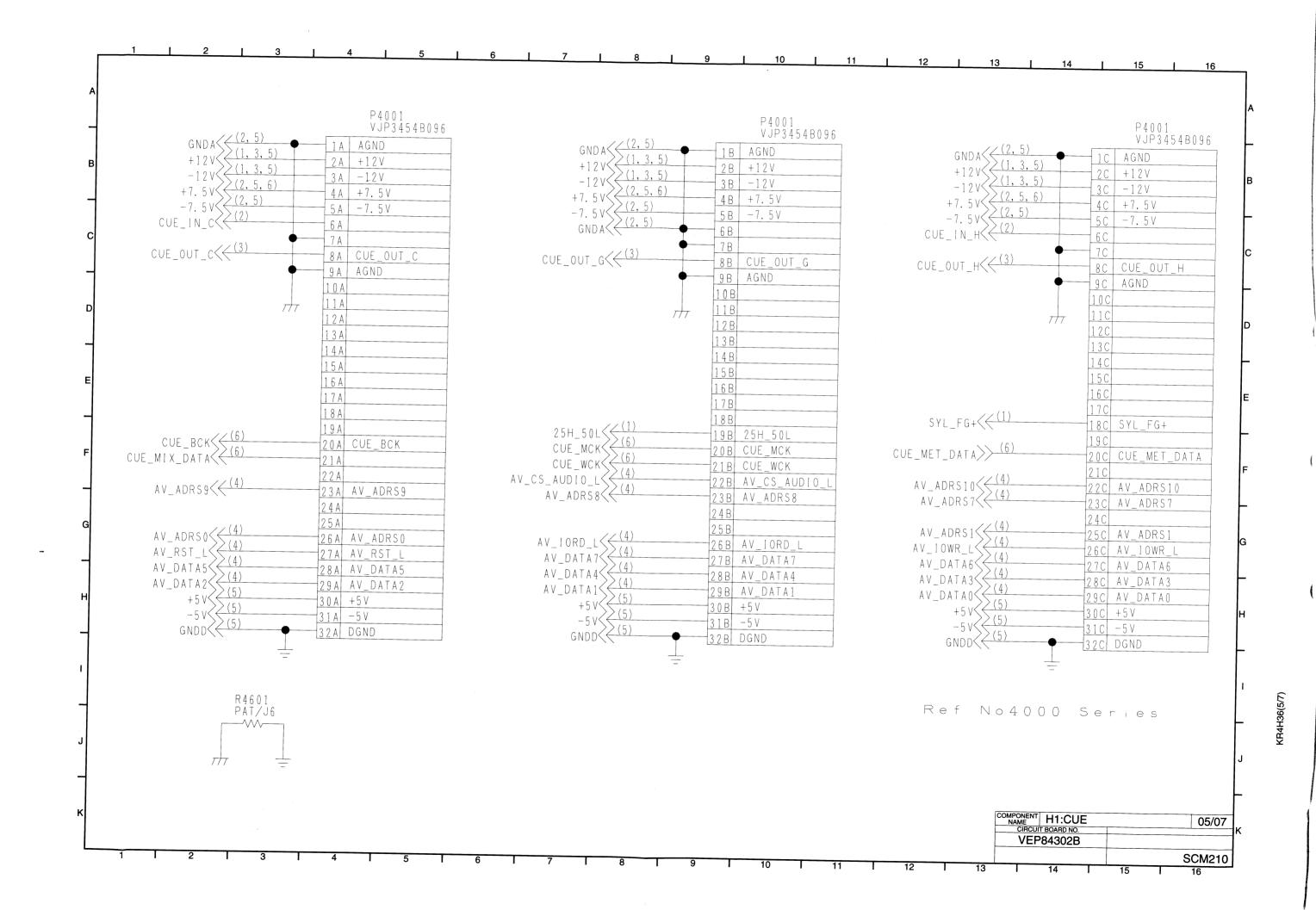
•

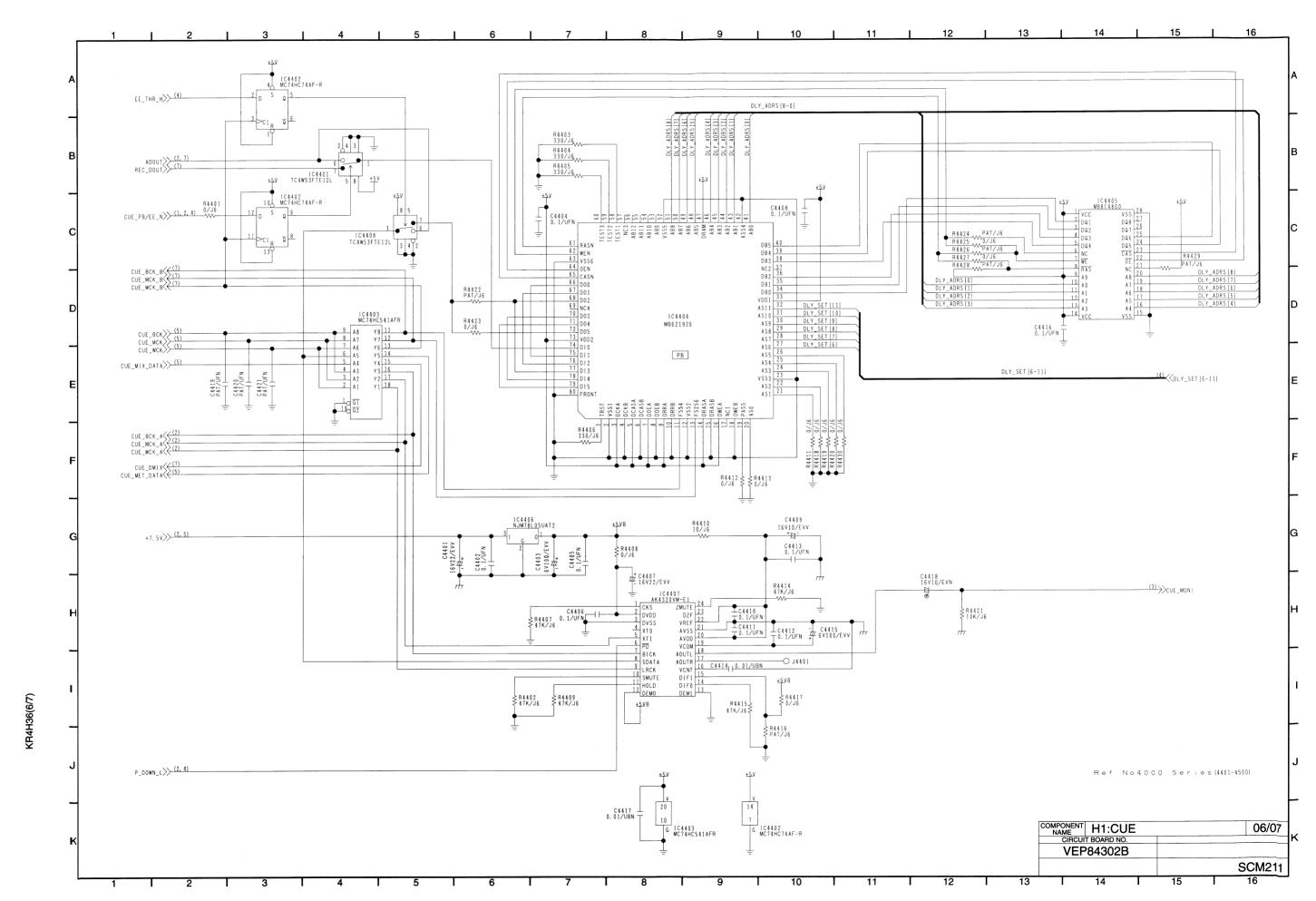




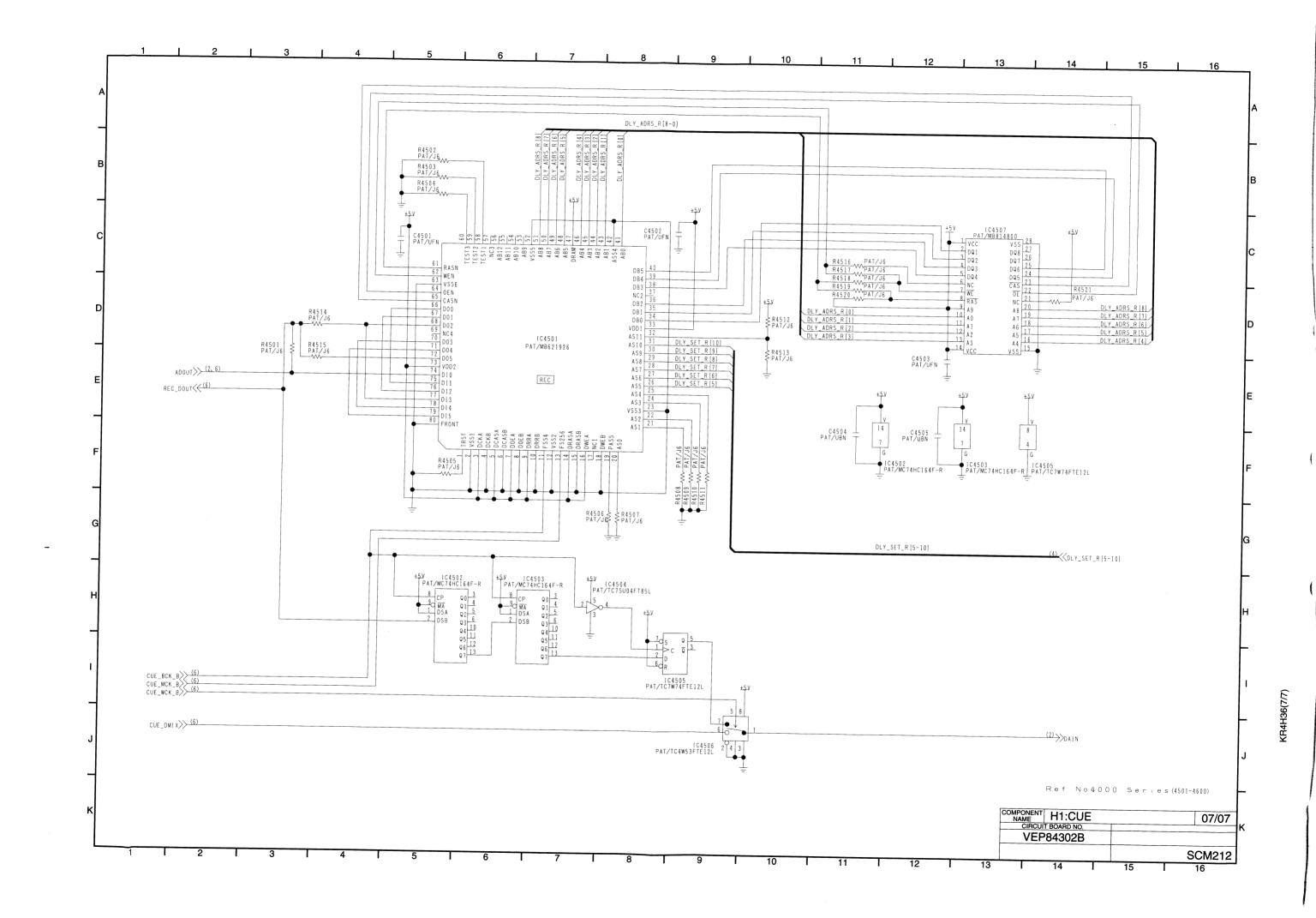


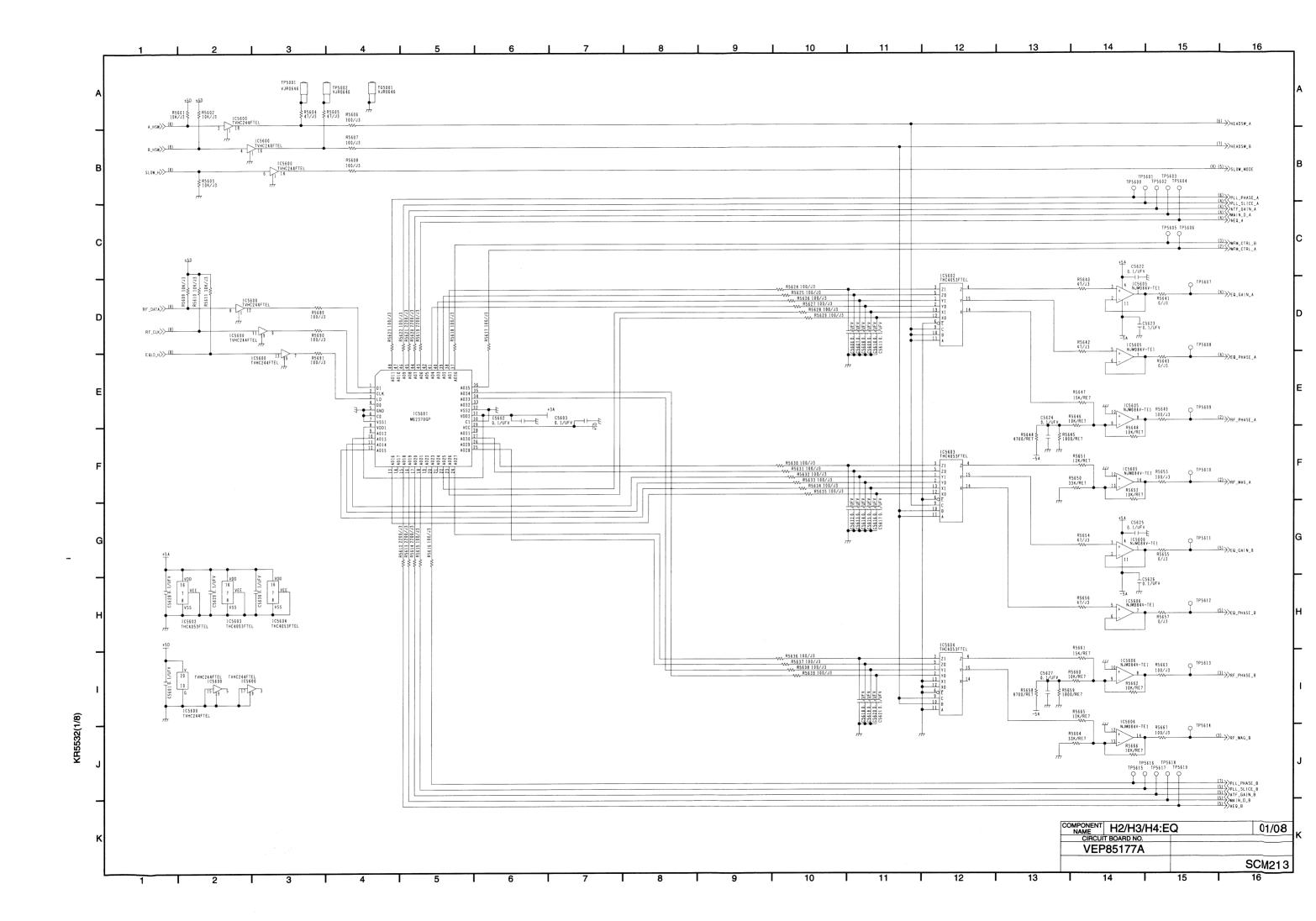


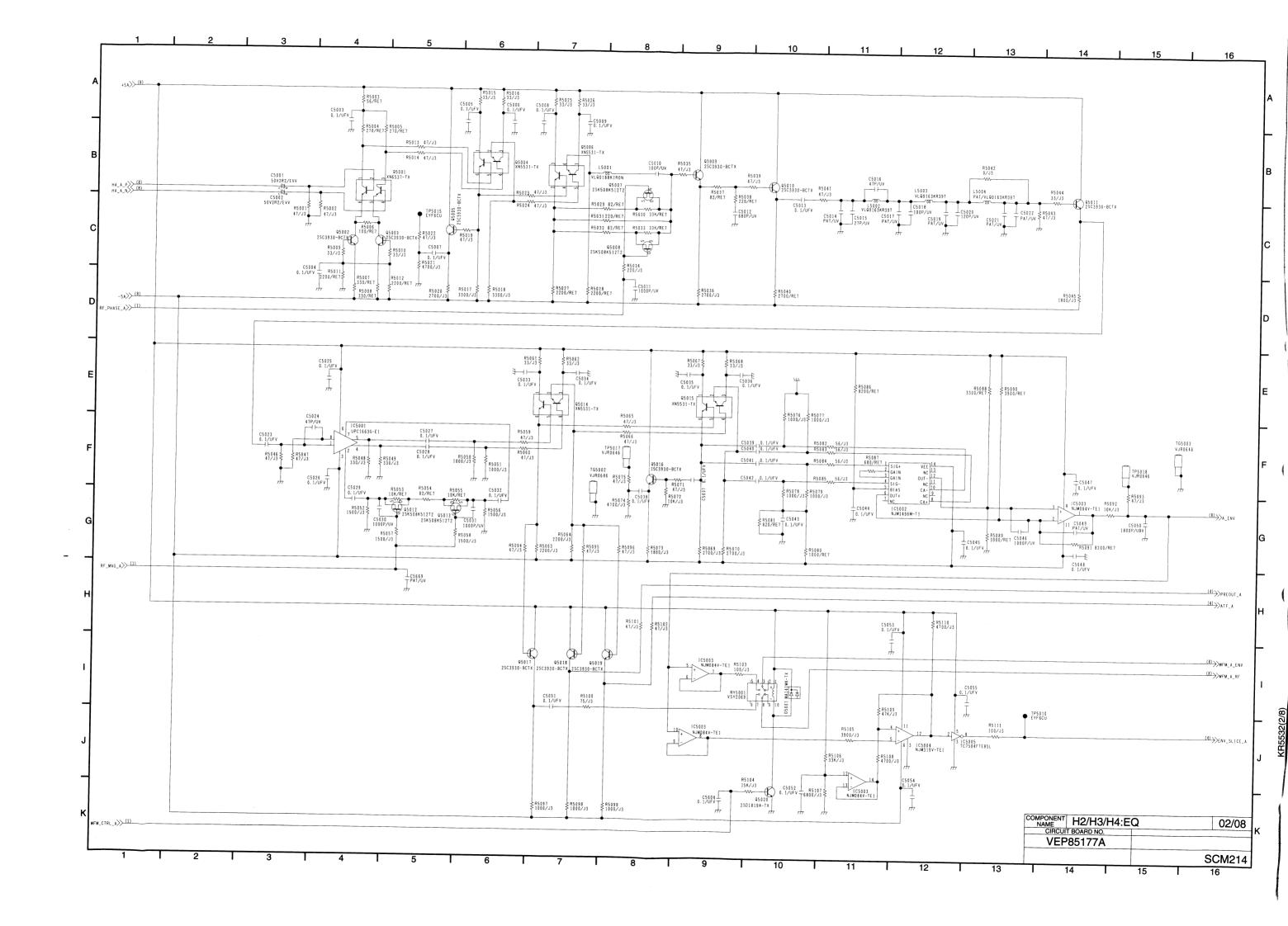


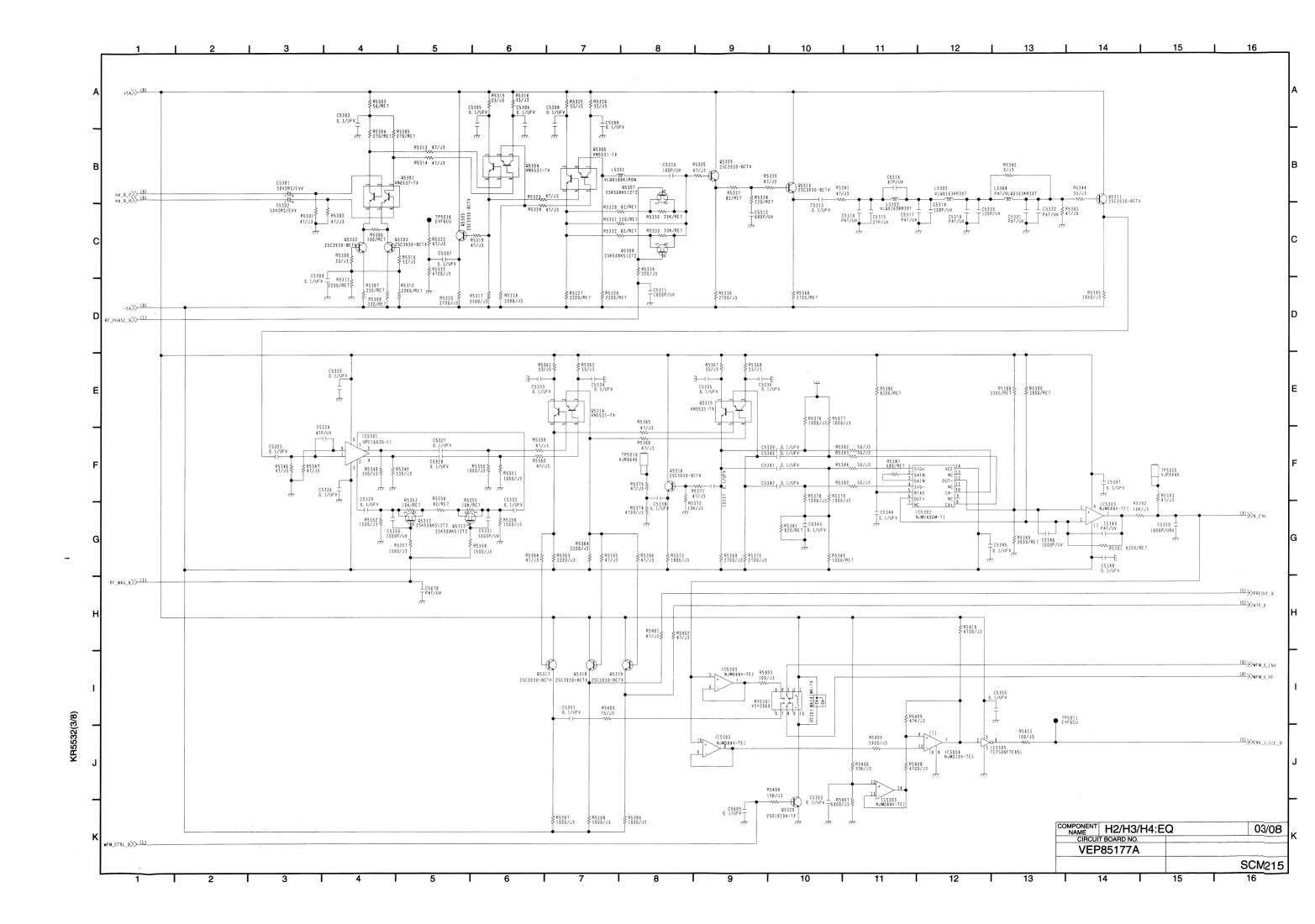


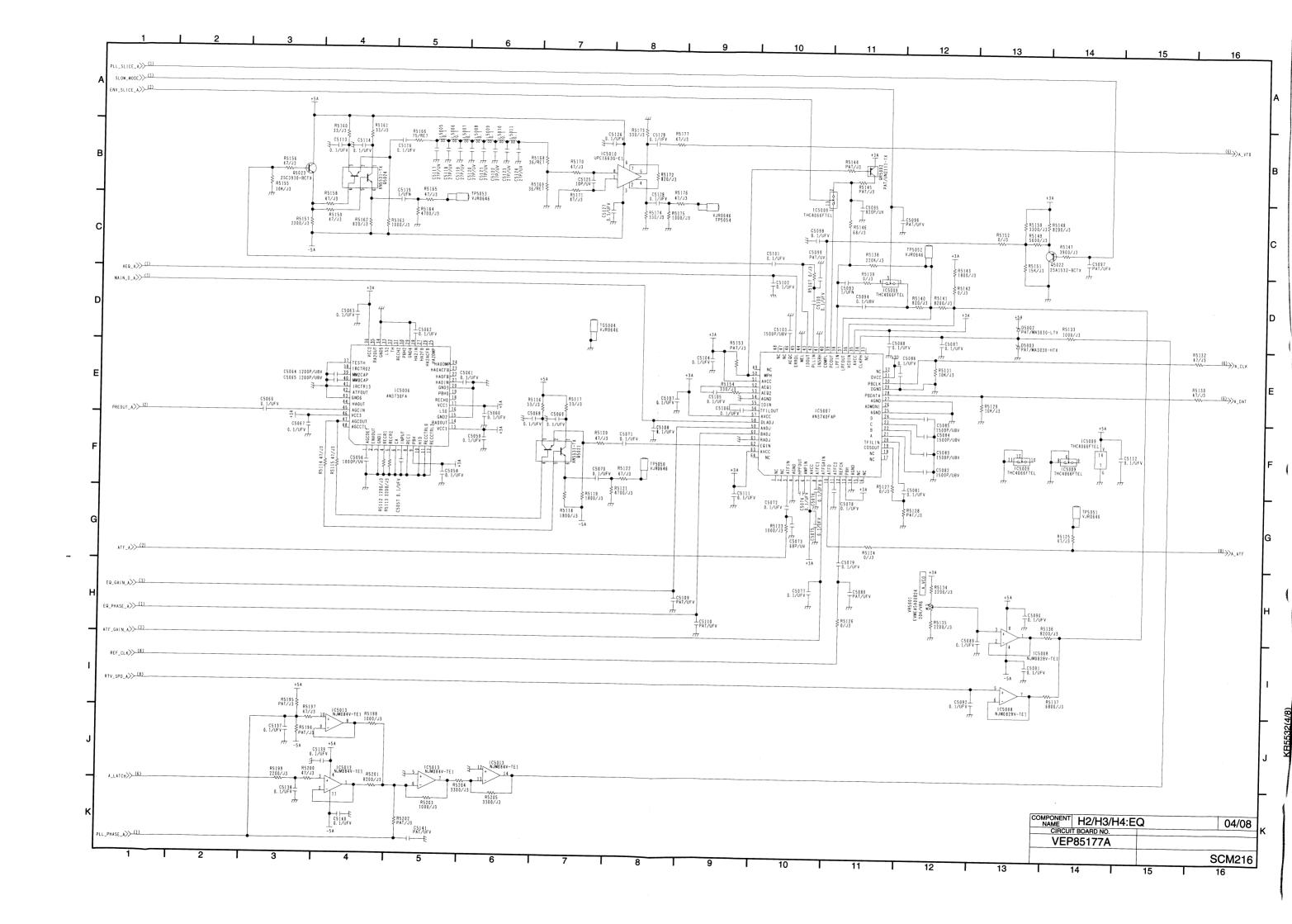
-

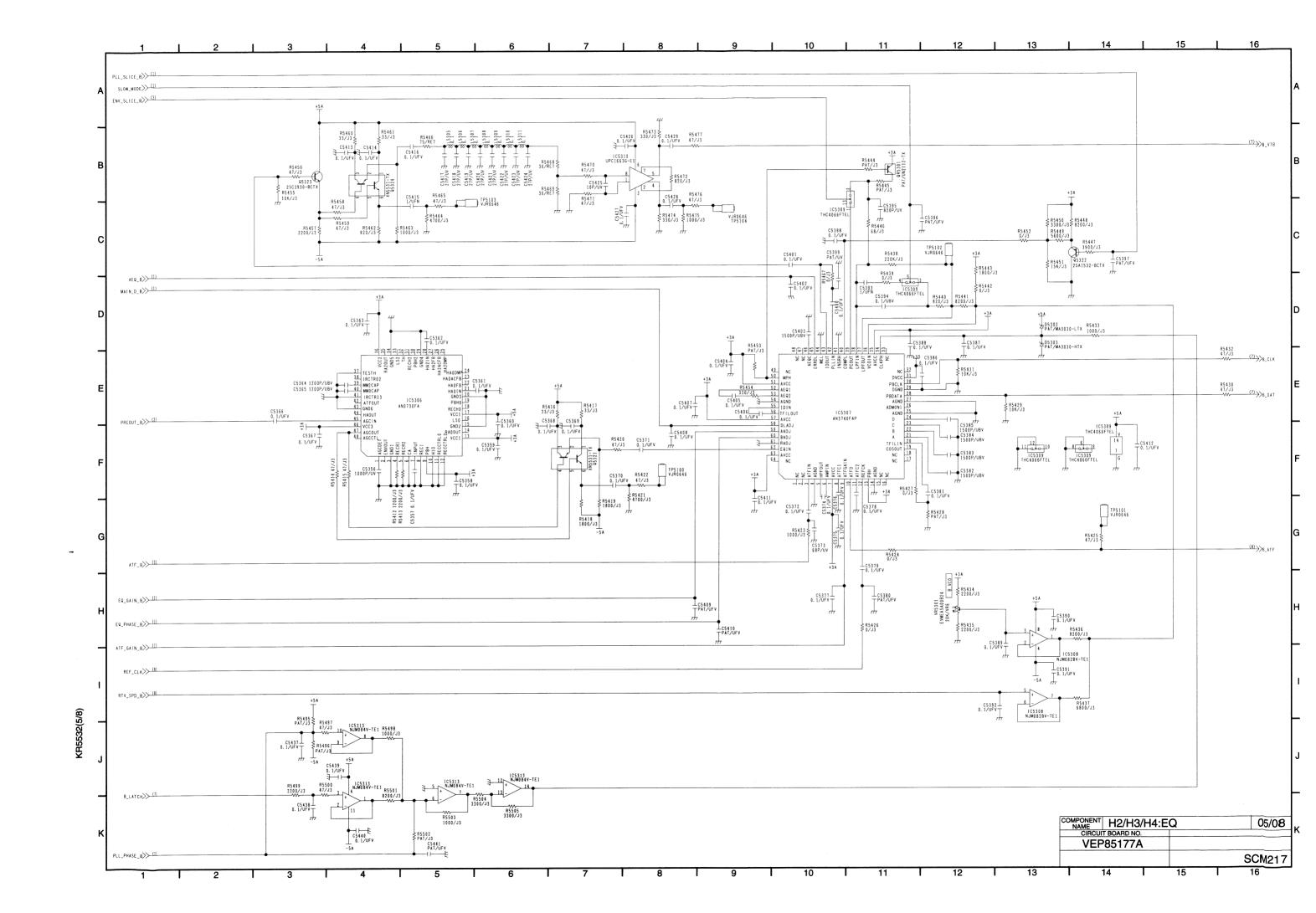


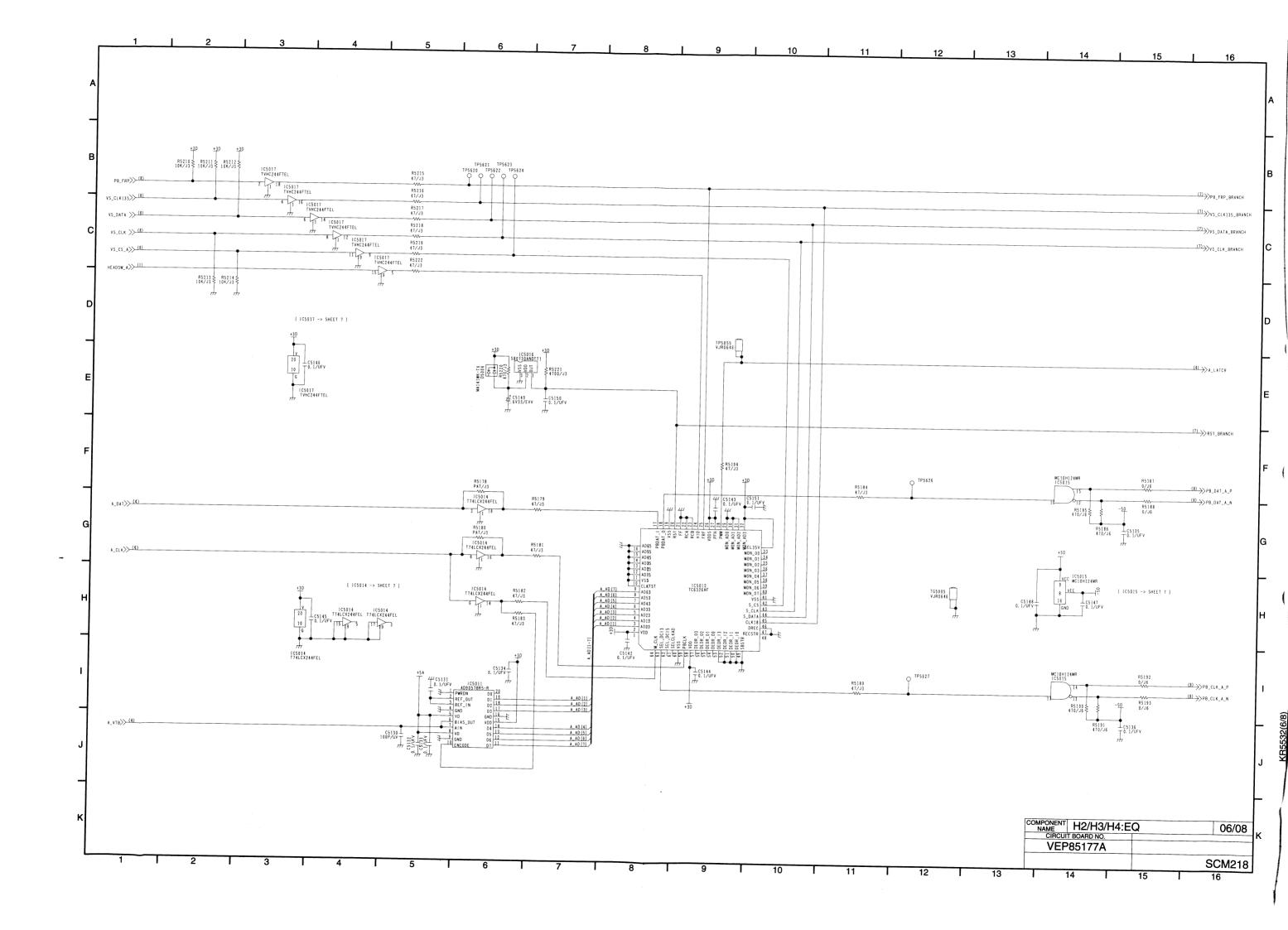


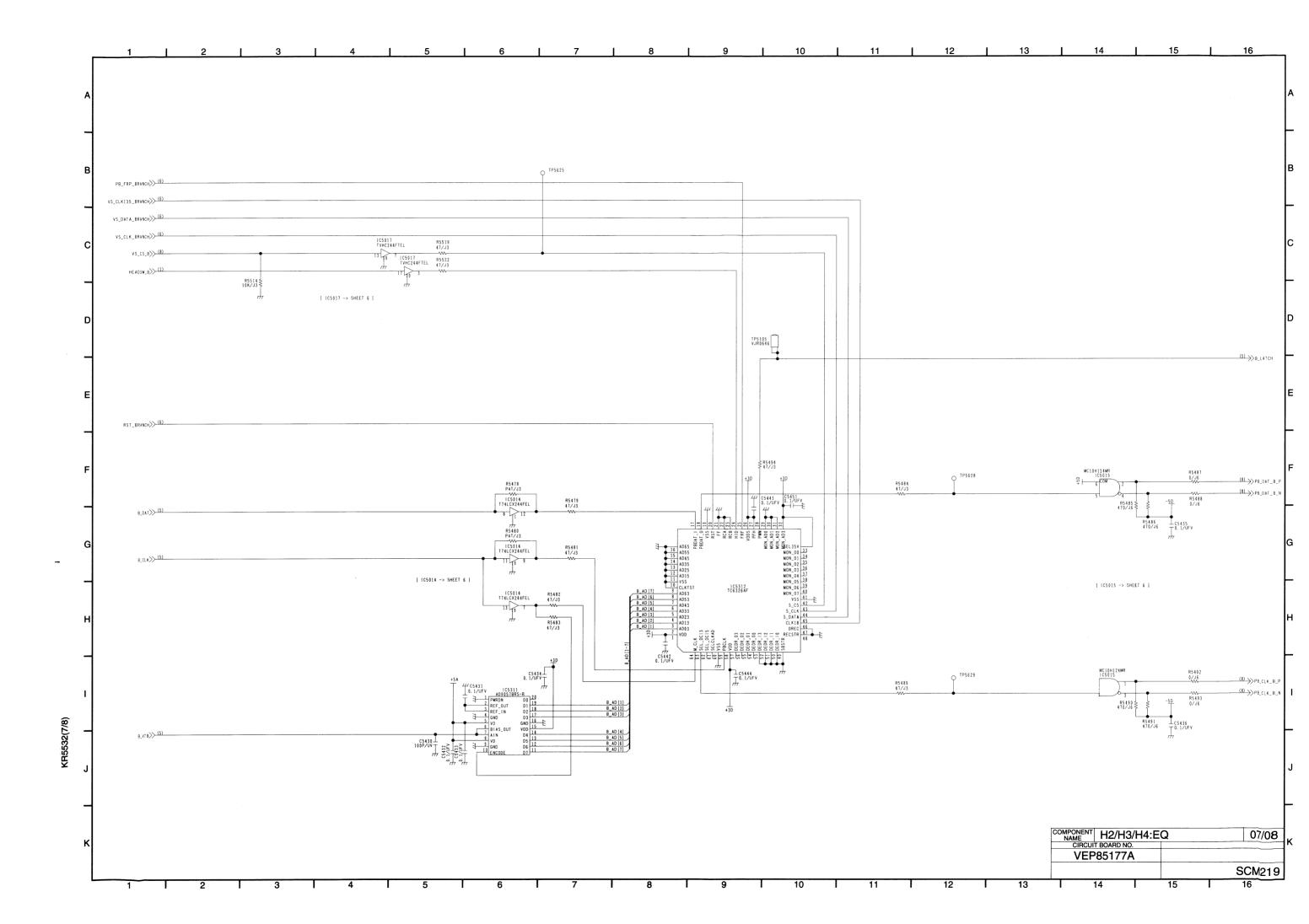


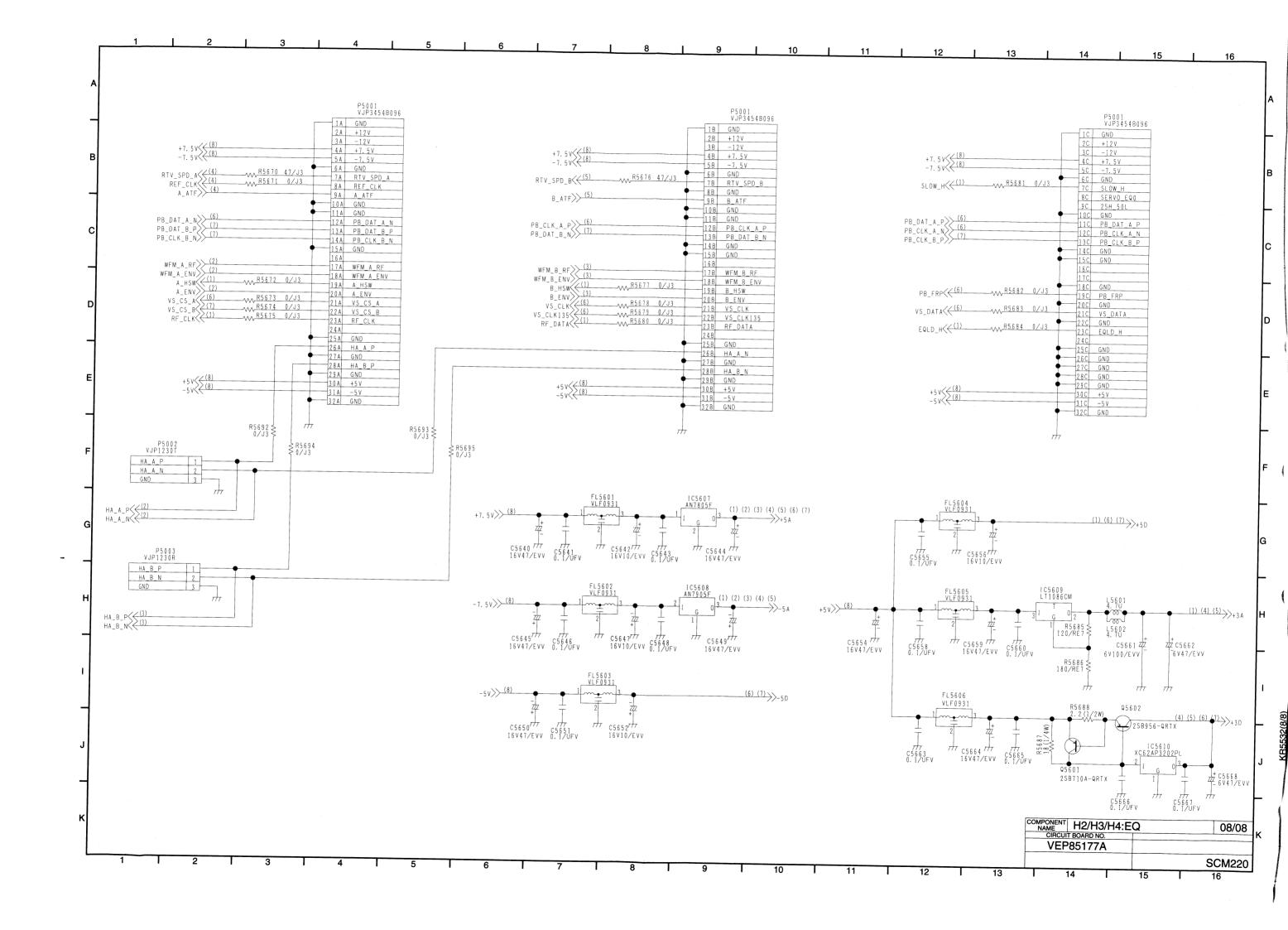


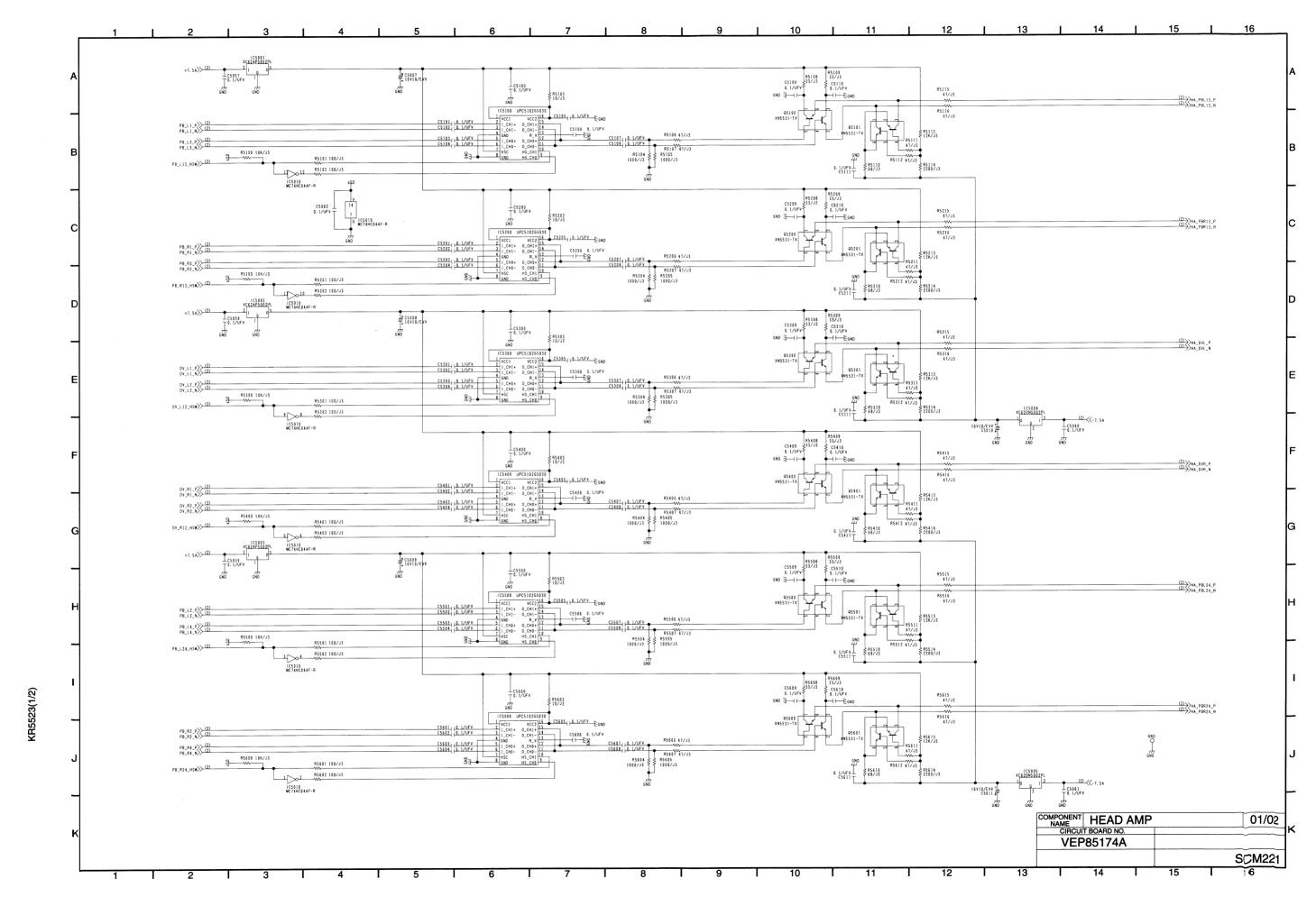




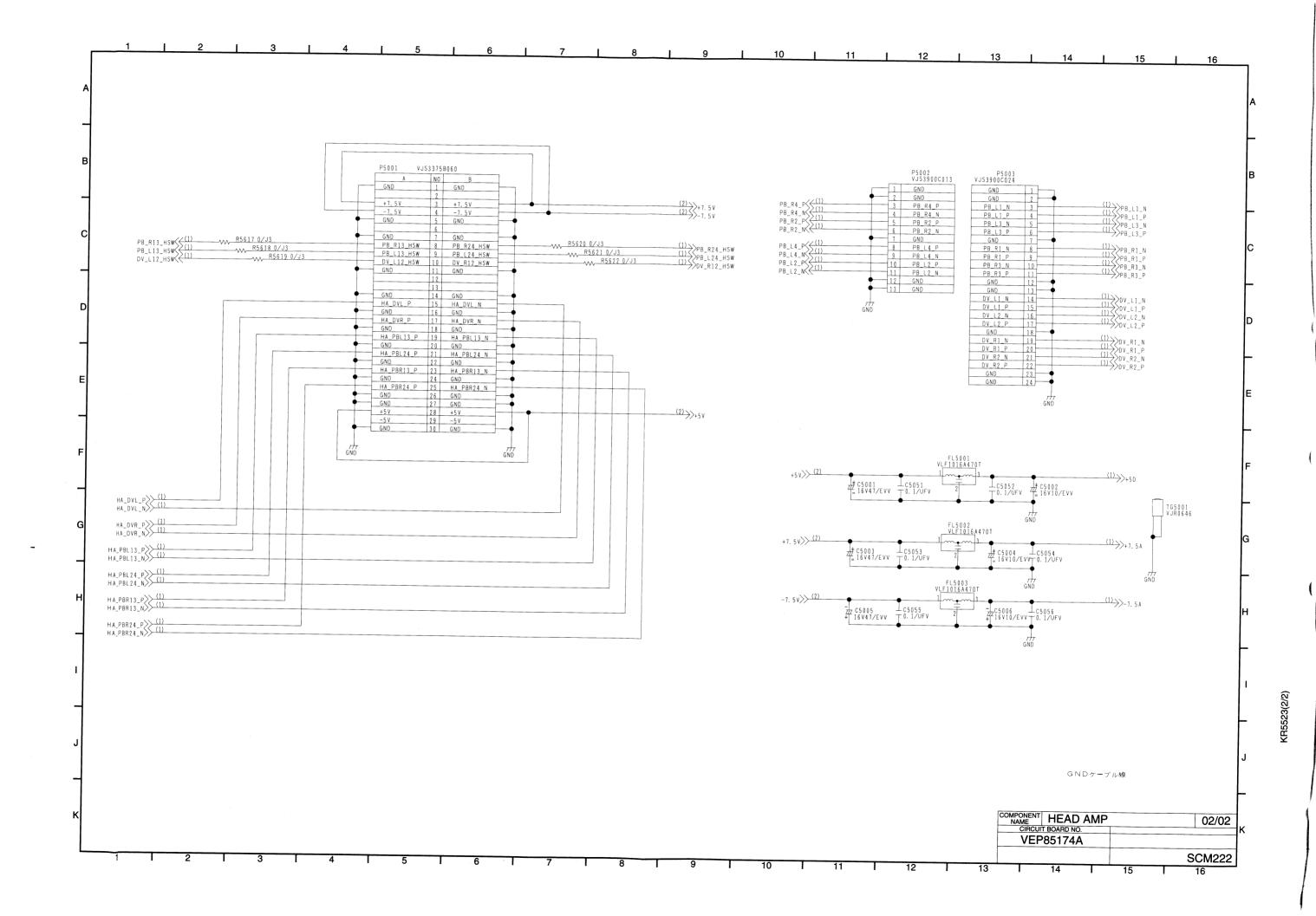


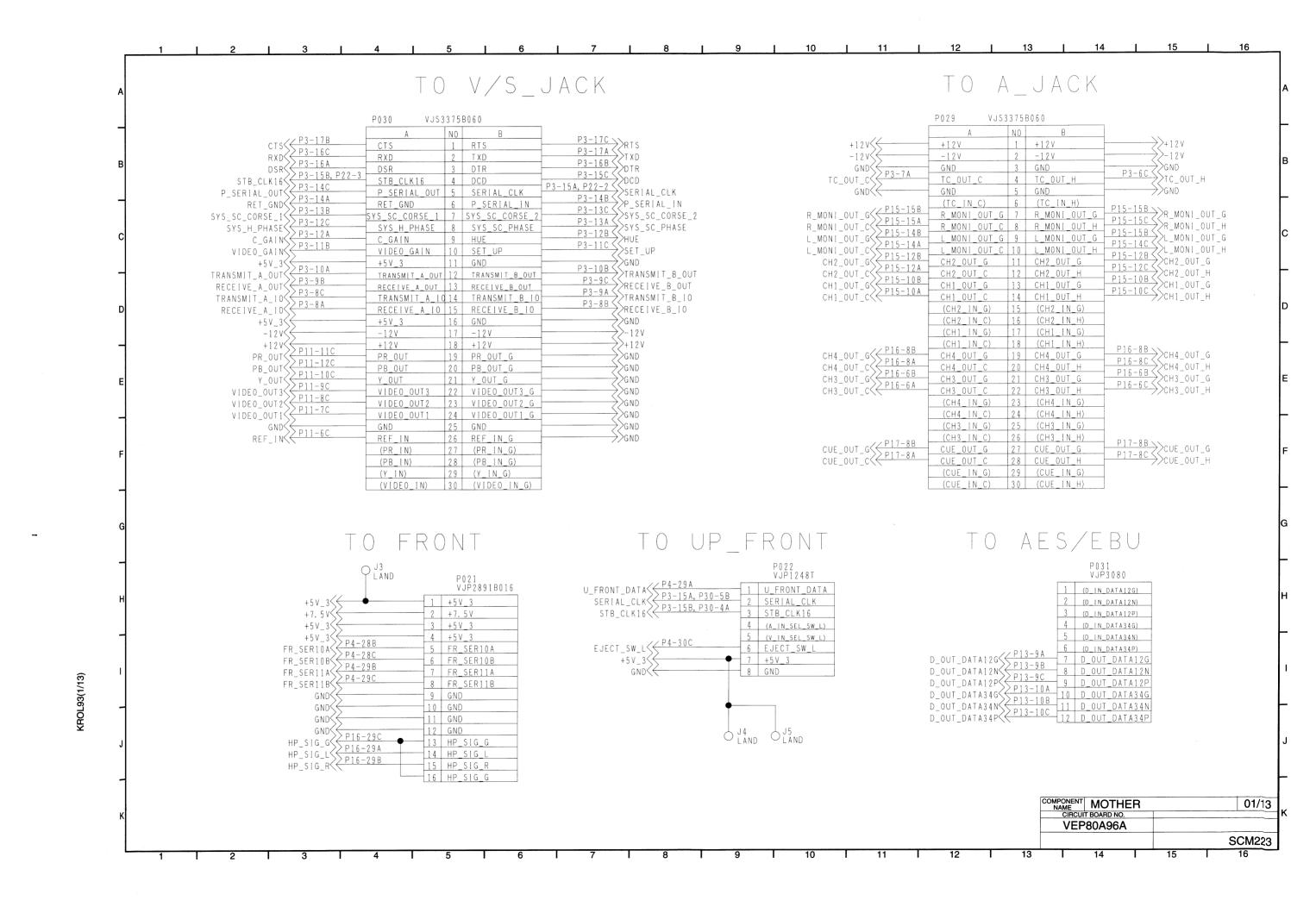


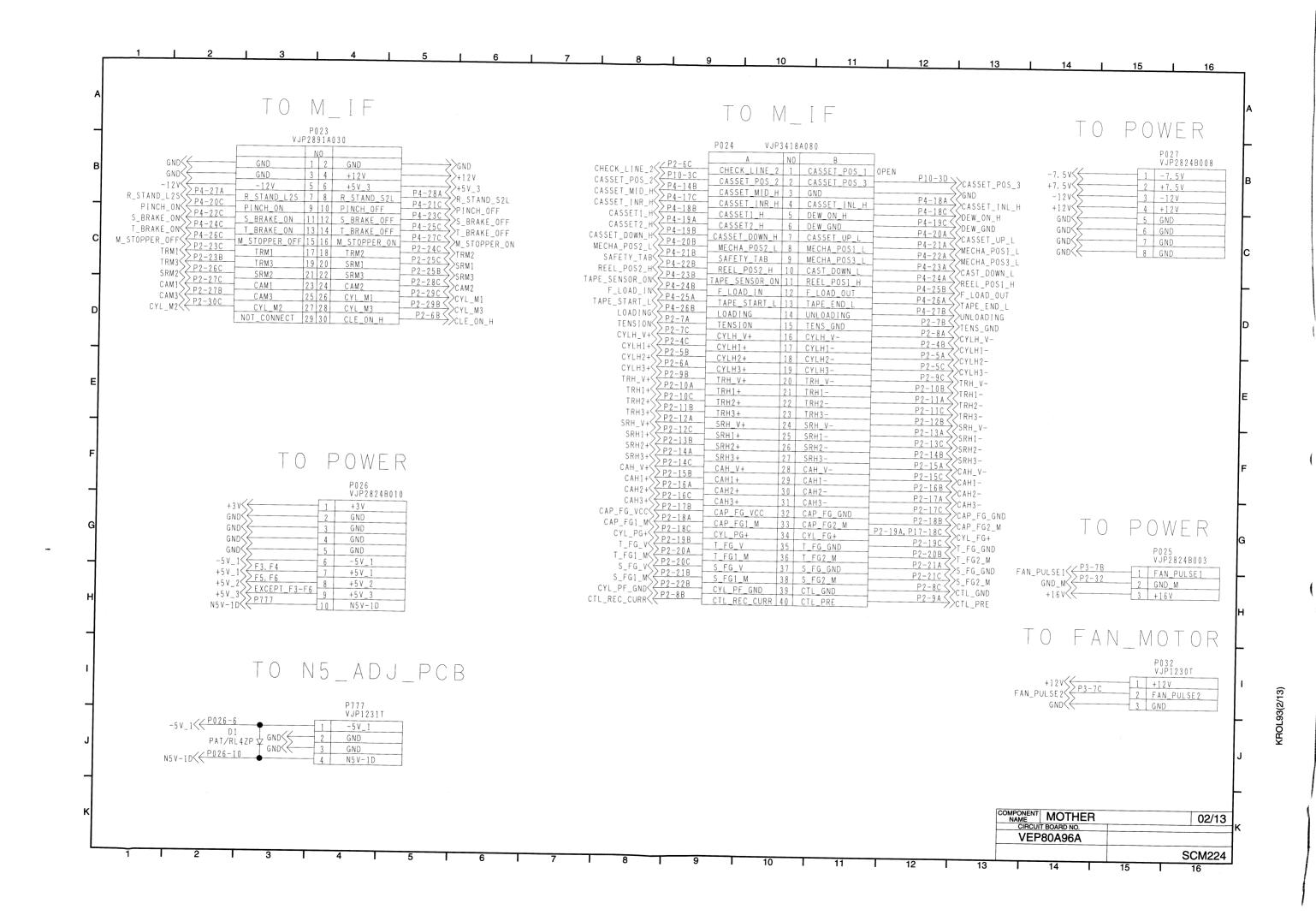


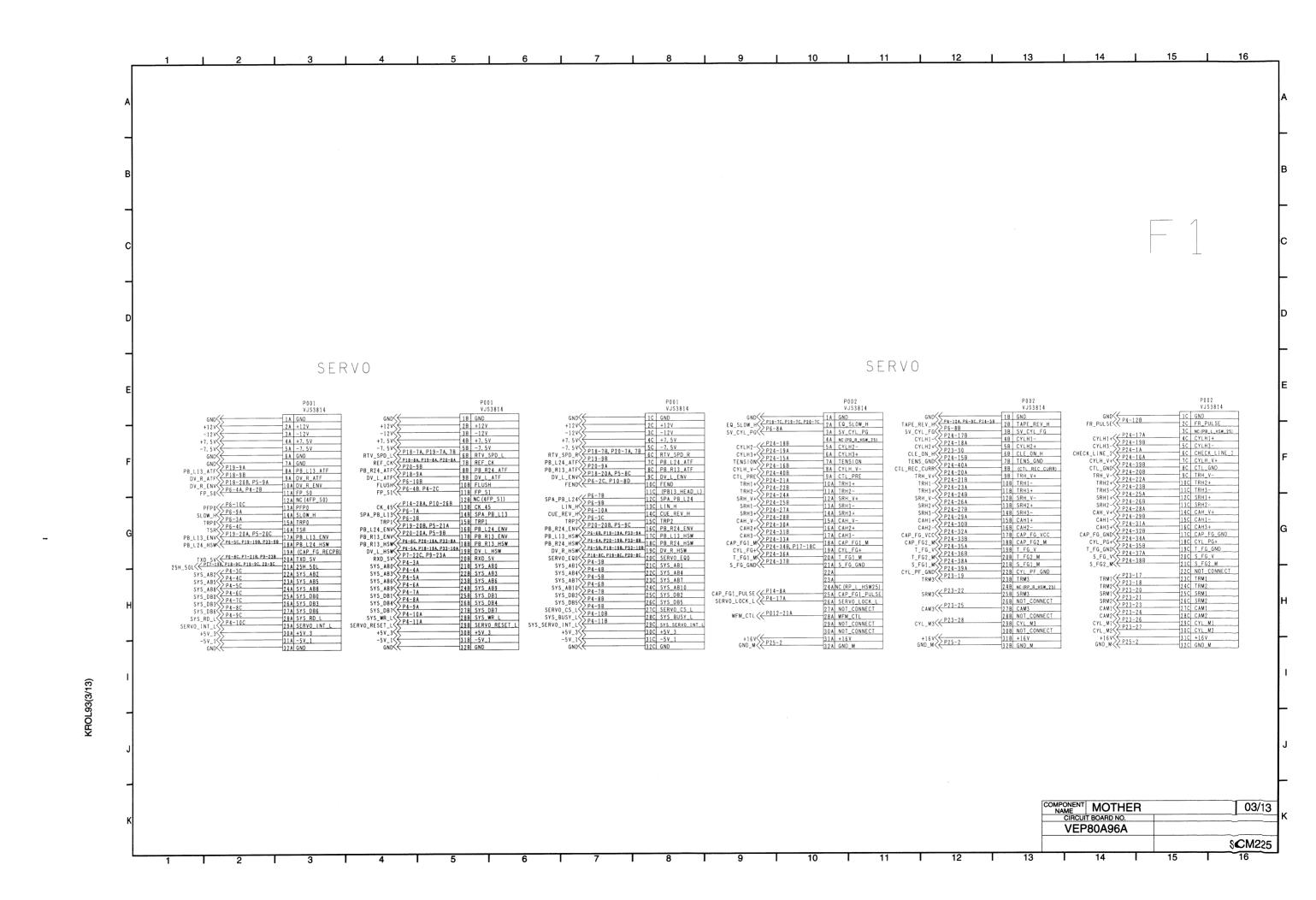


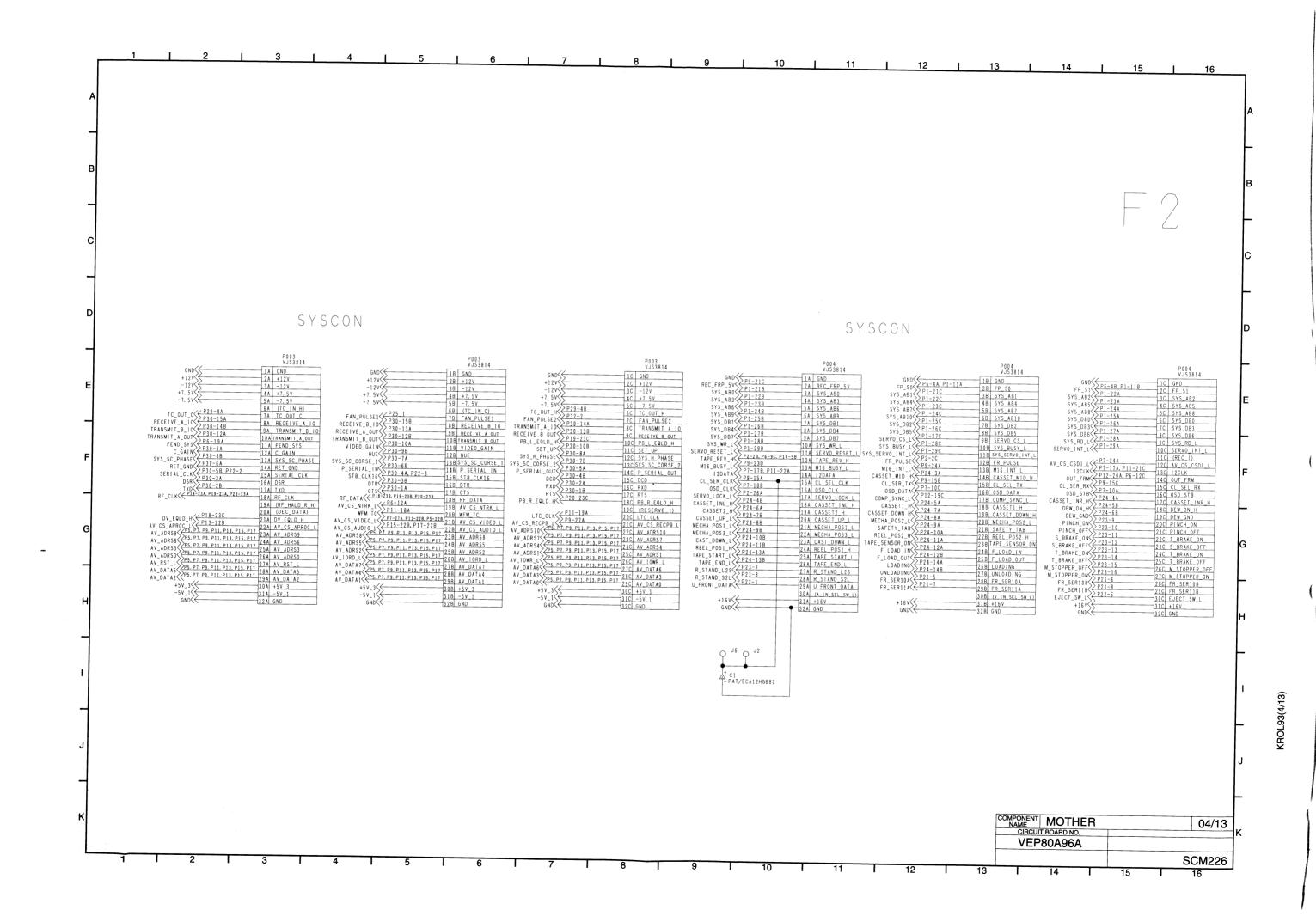
_

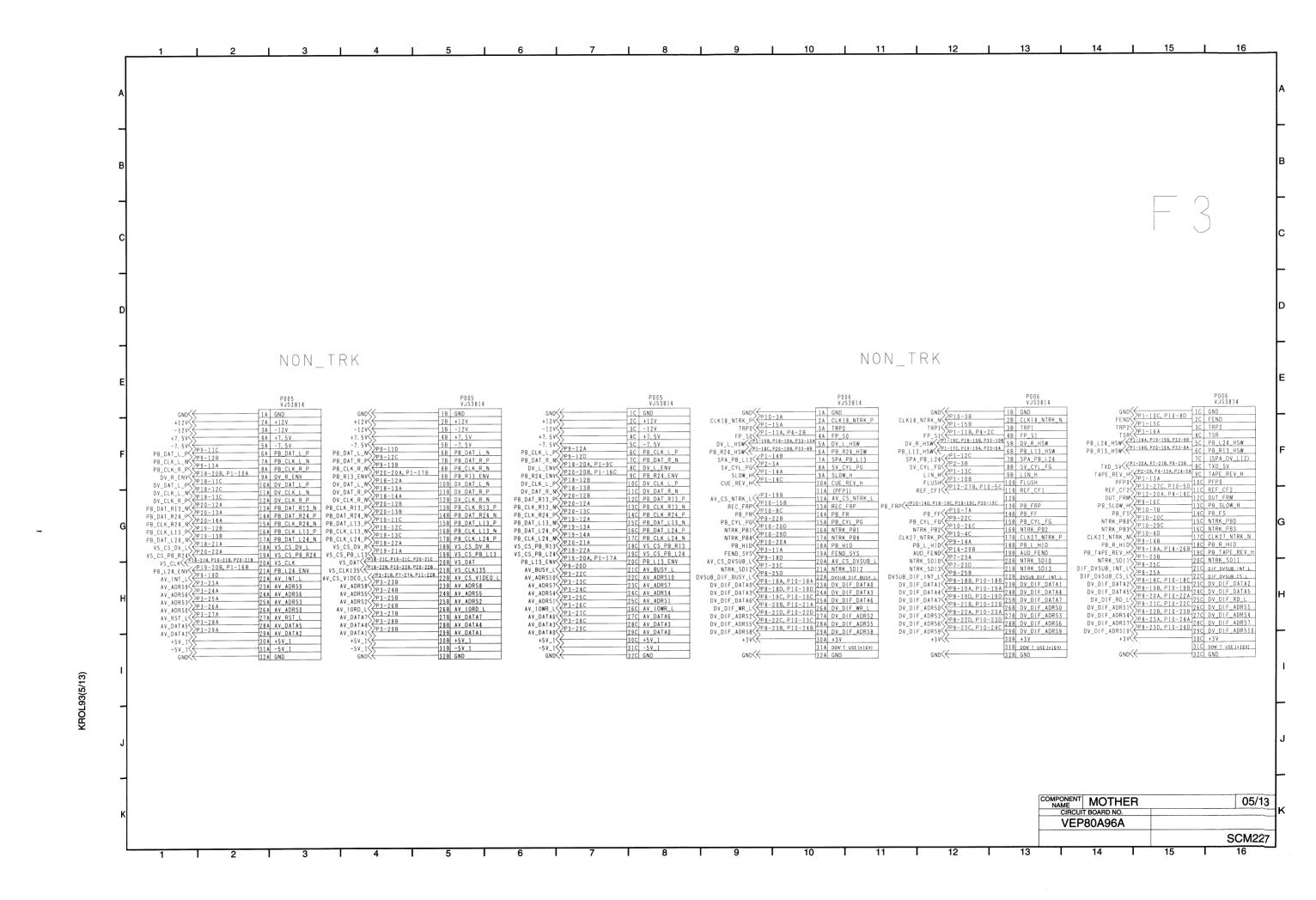


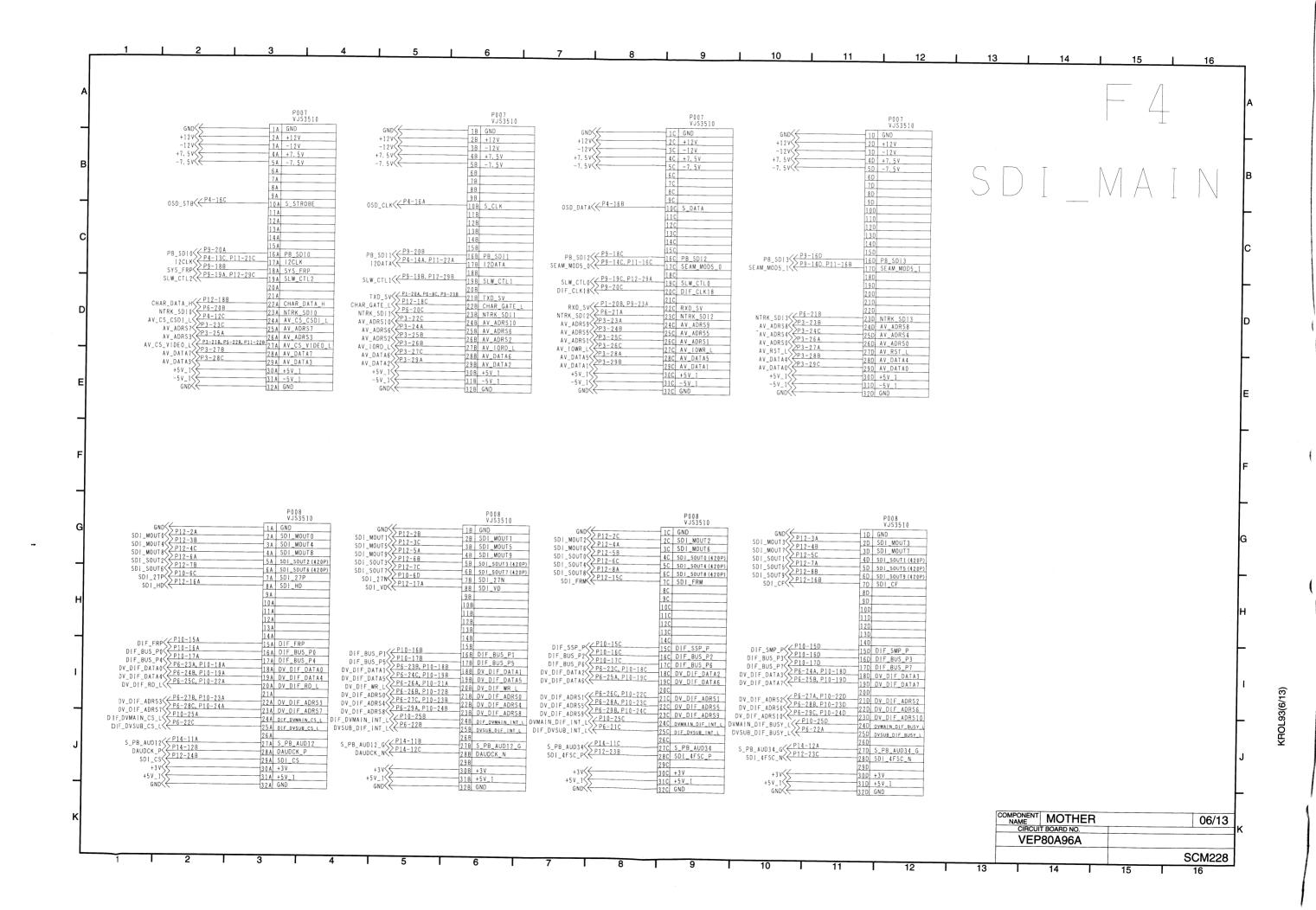


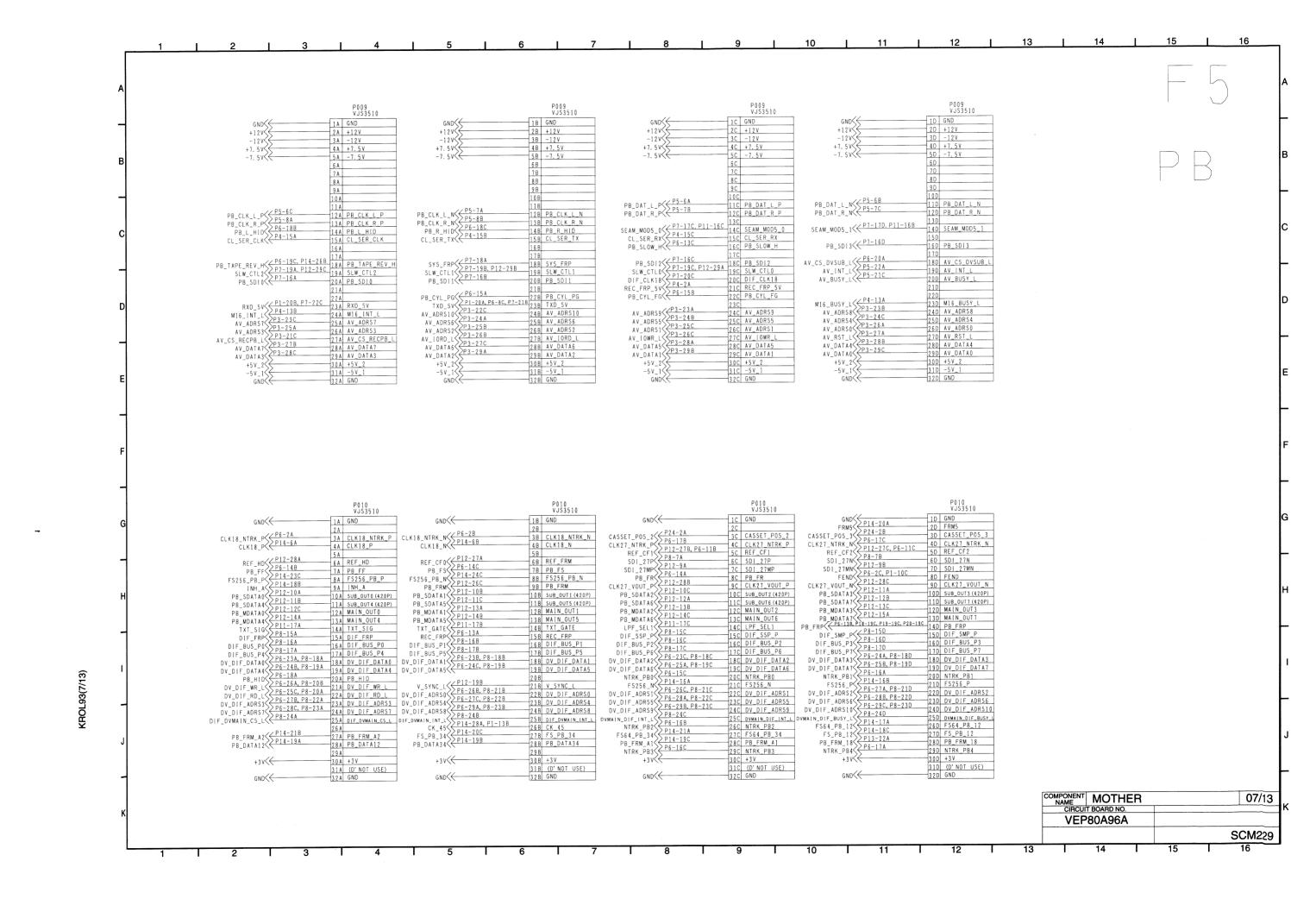


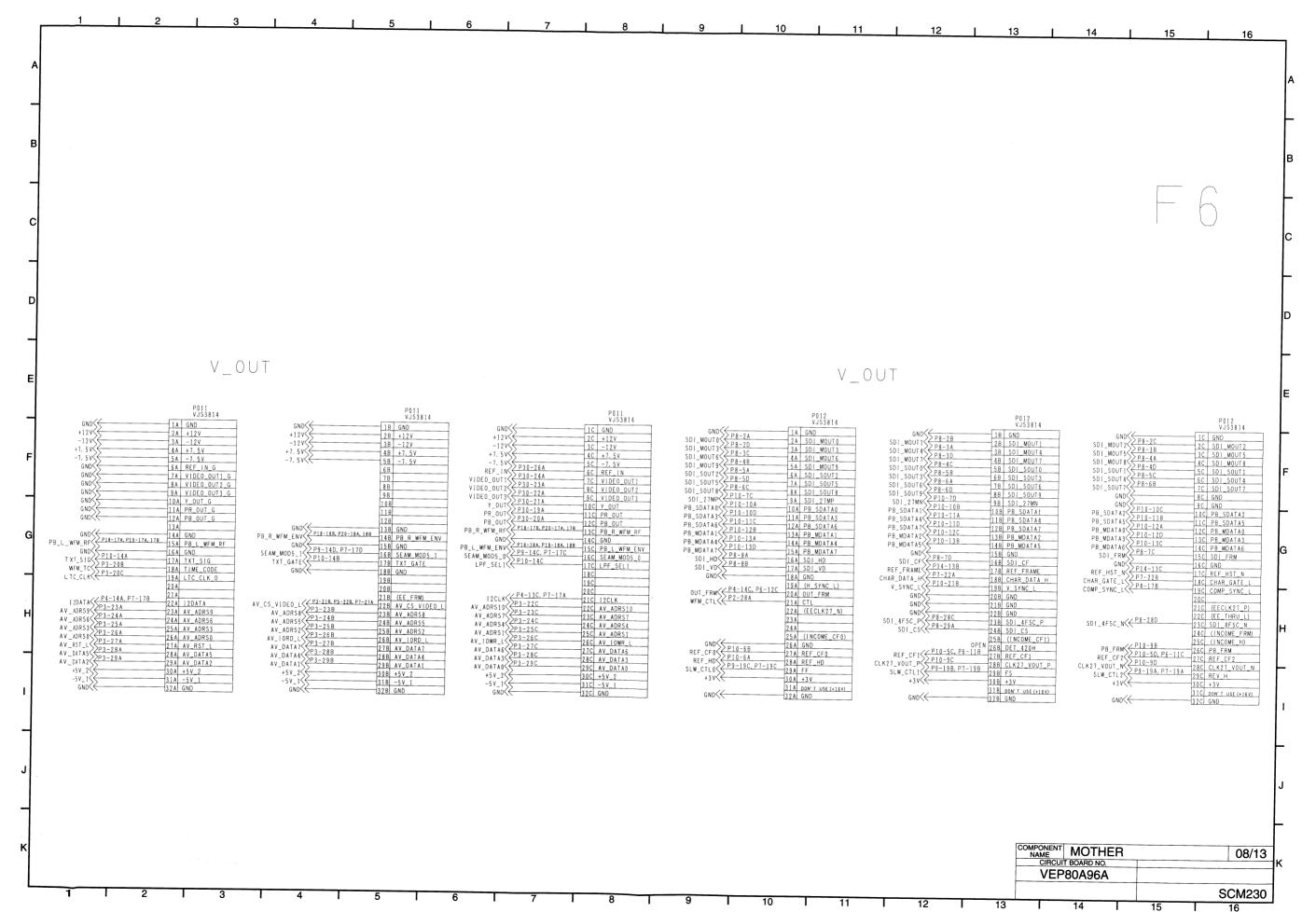




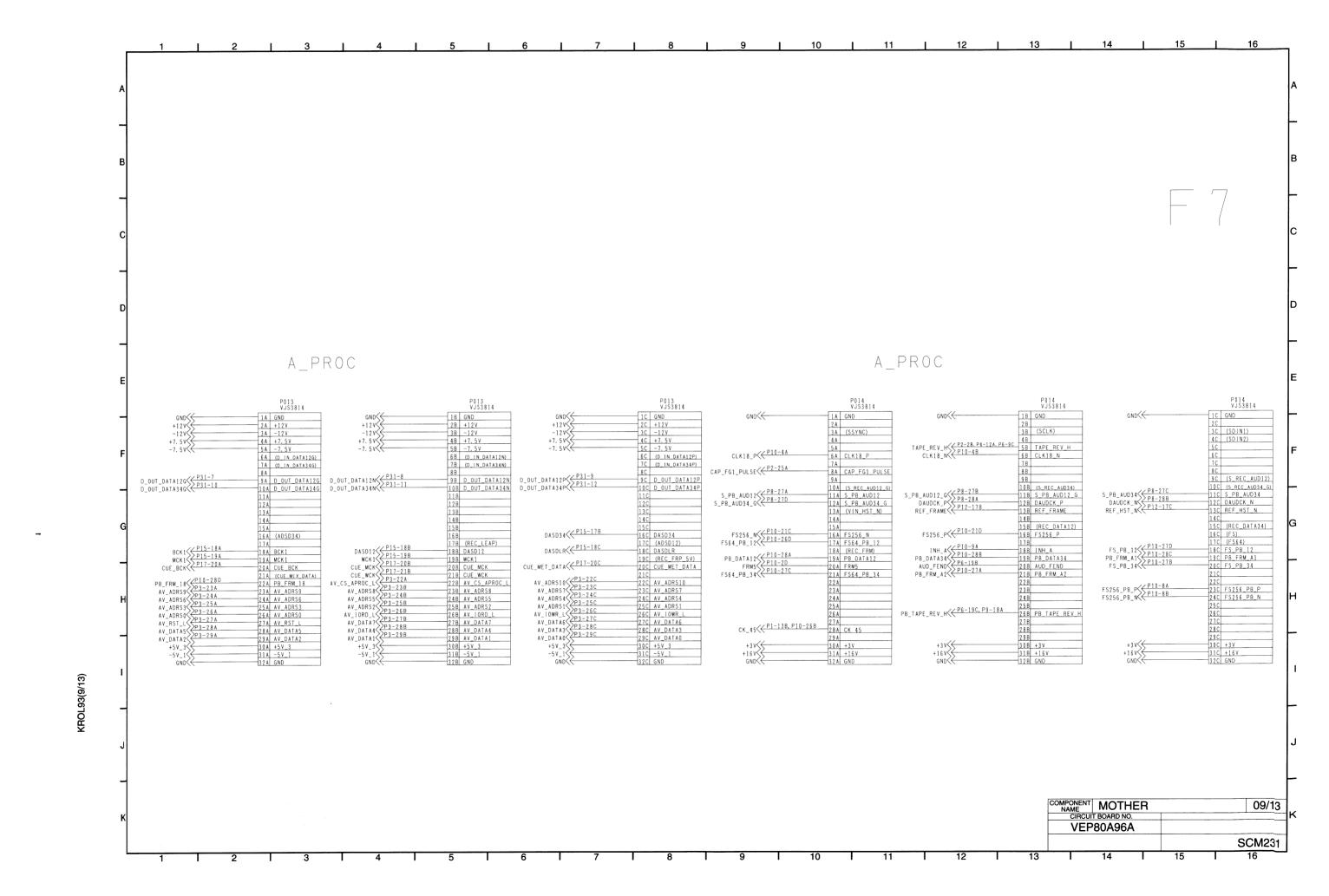


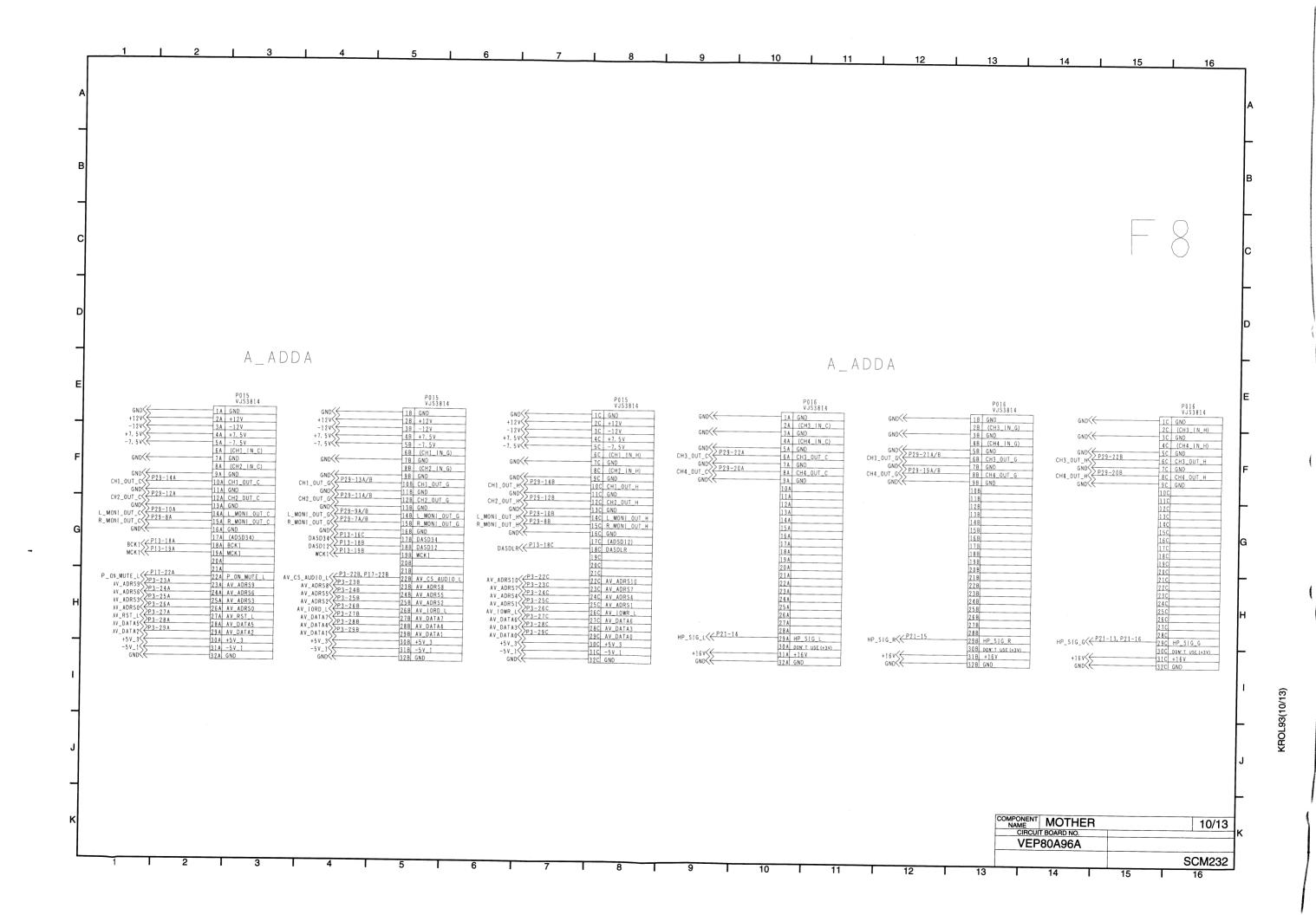


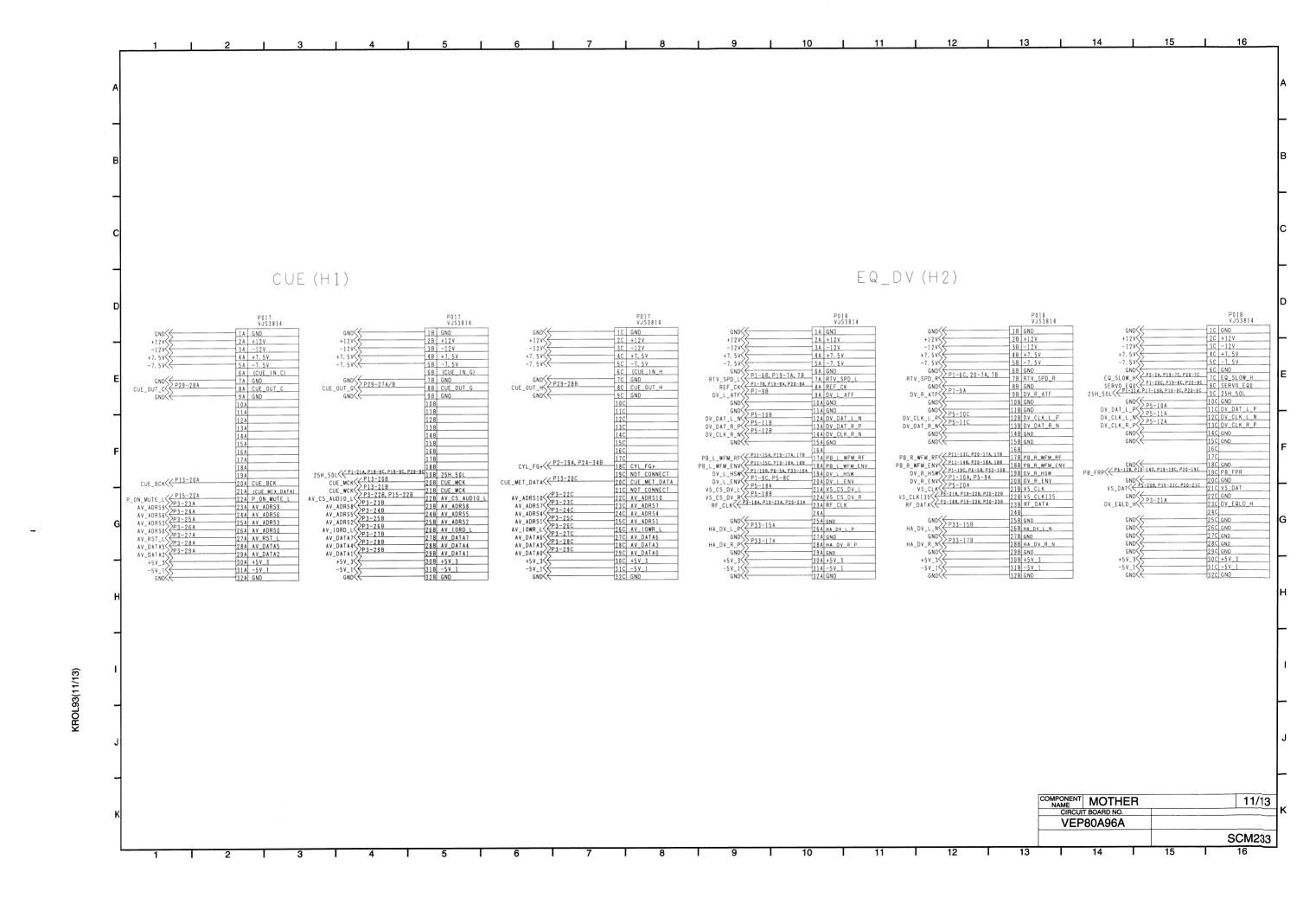


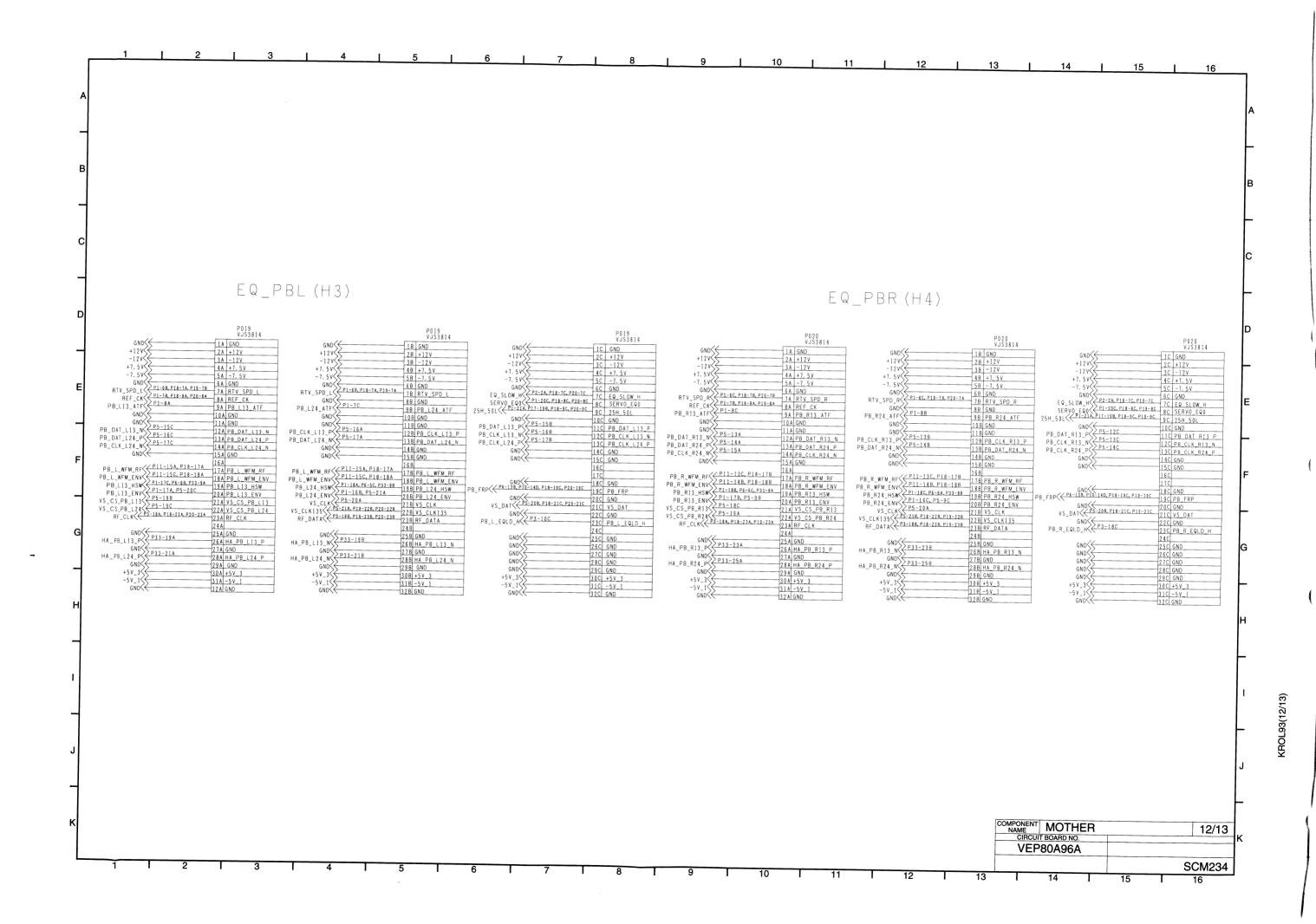


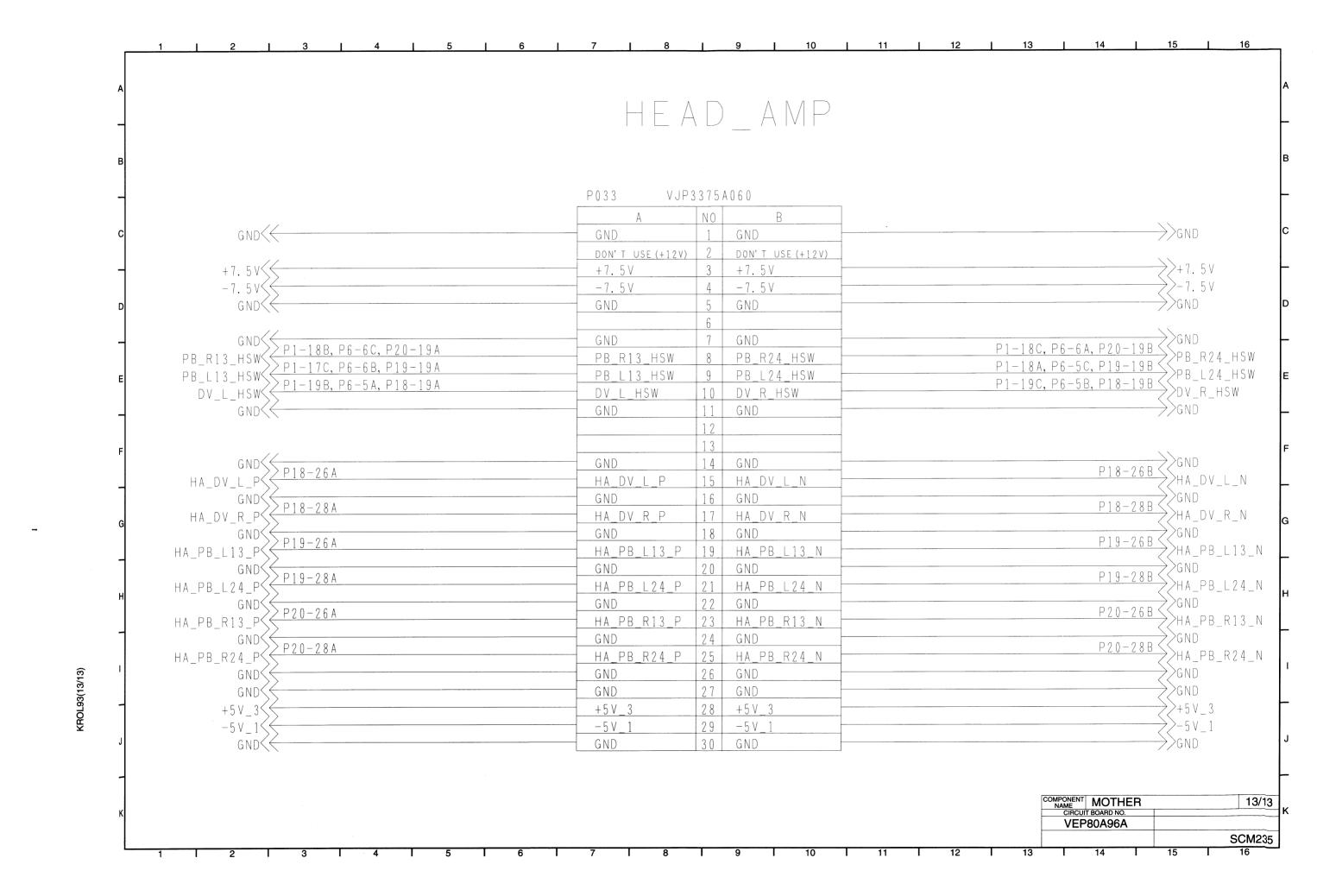
KROL93(8/13)

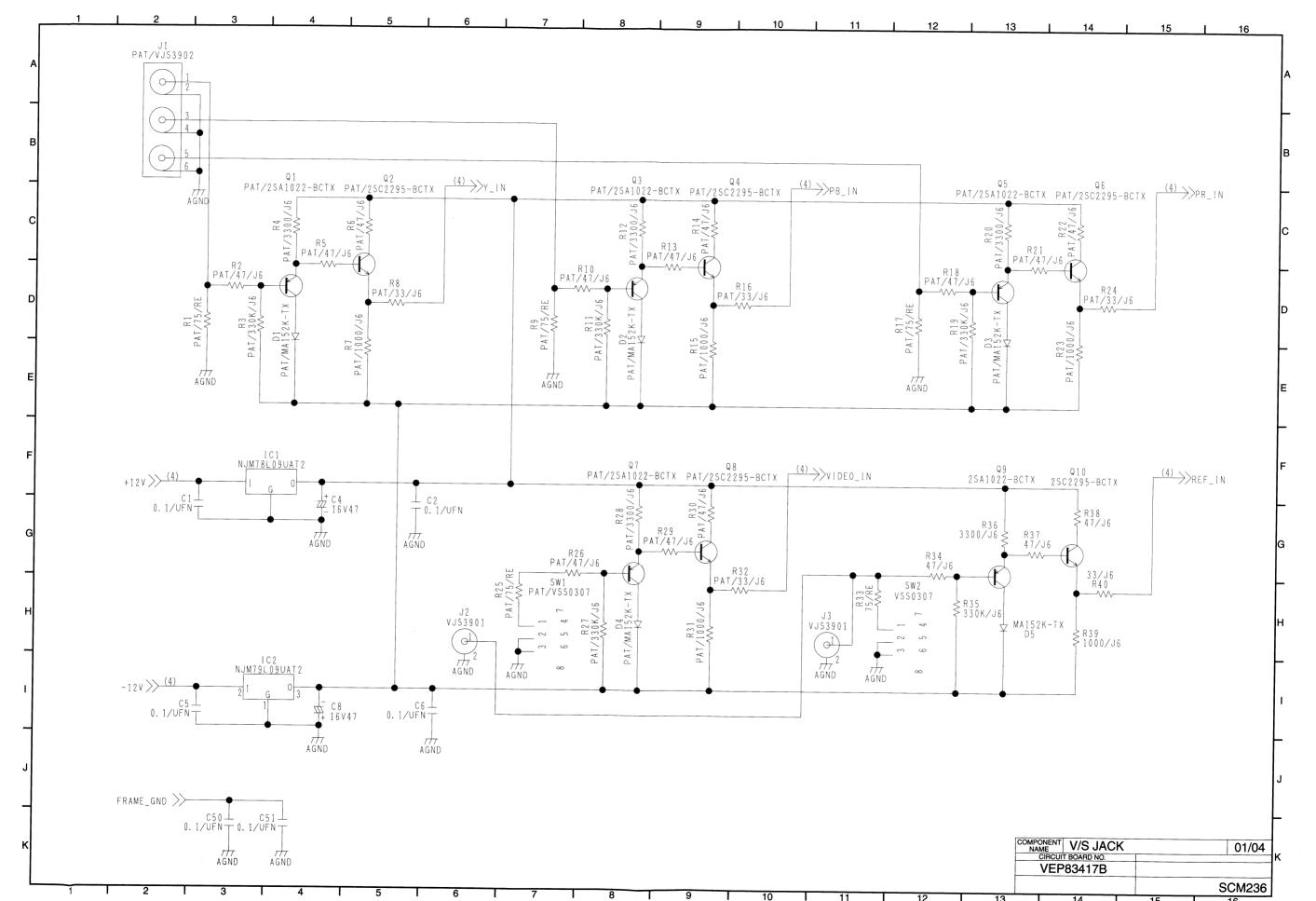




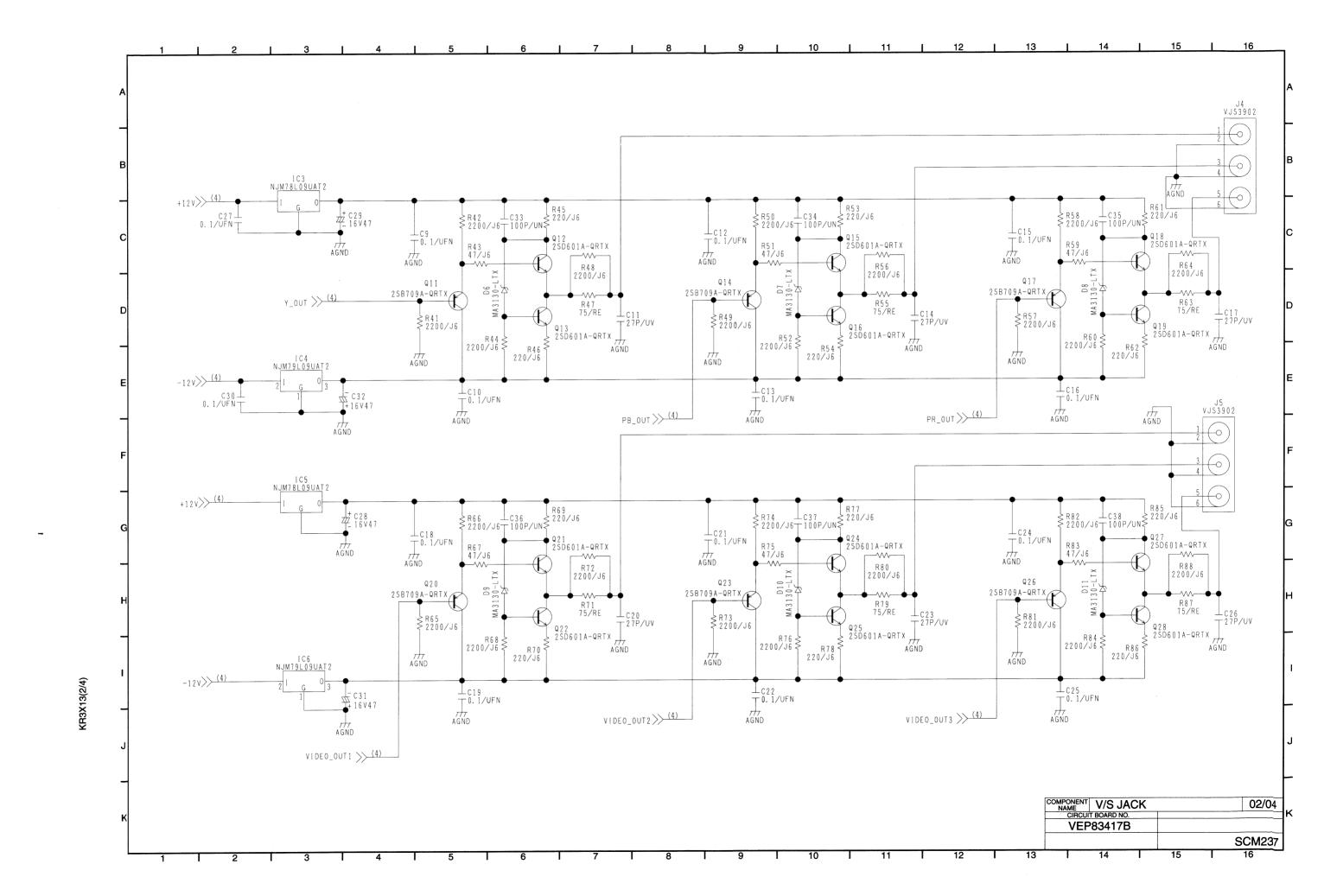


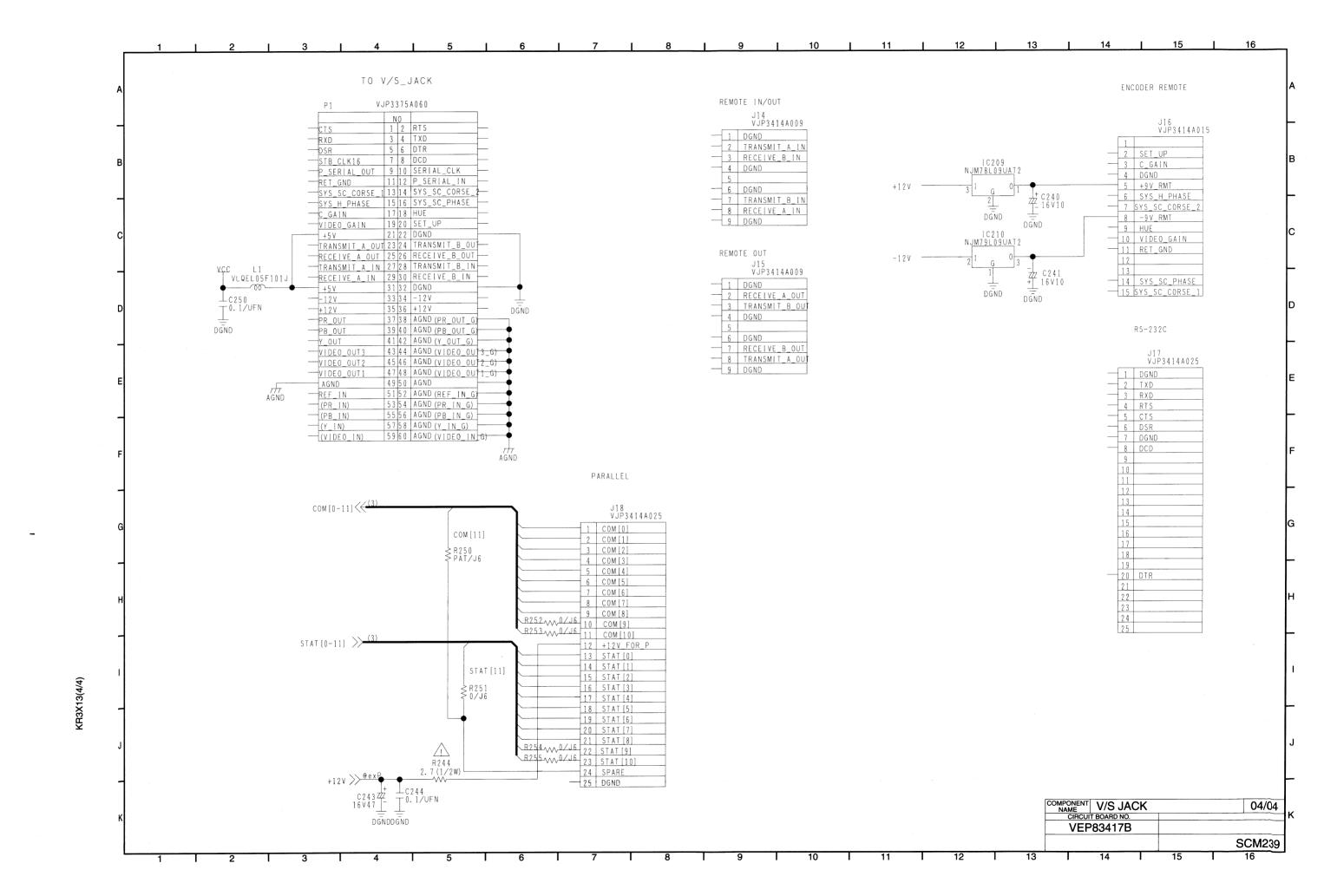






KR3X13(1/4)



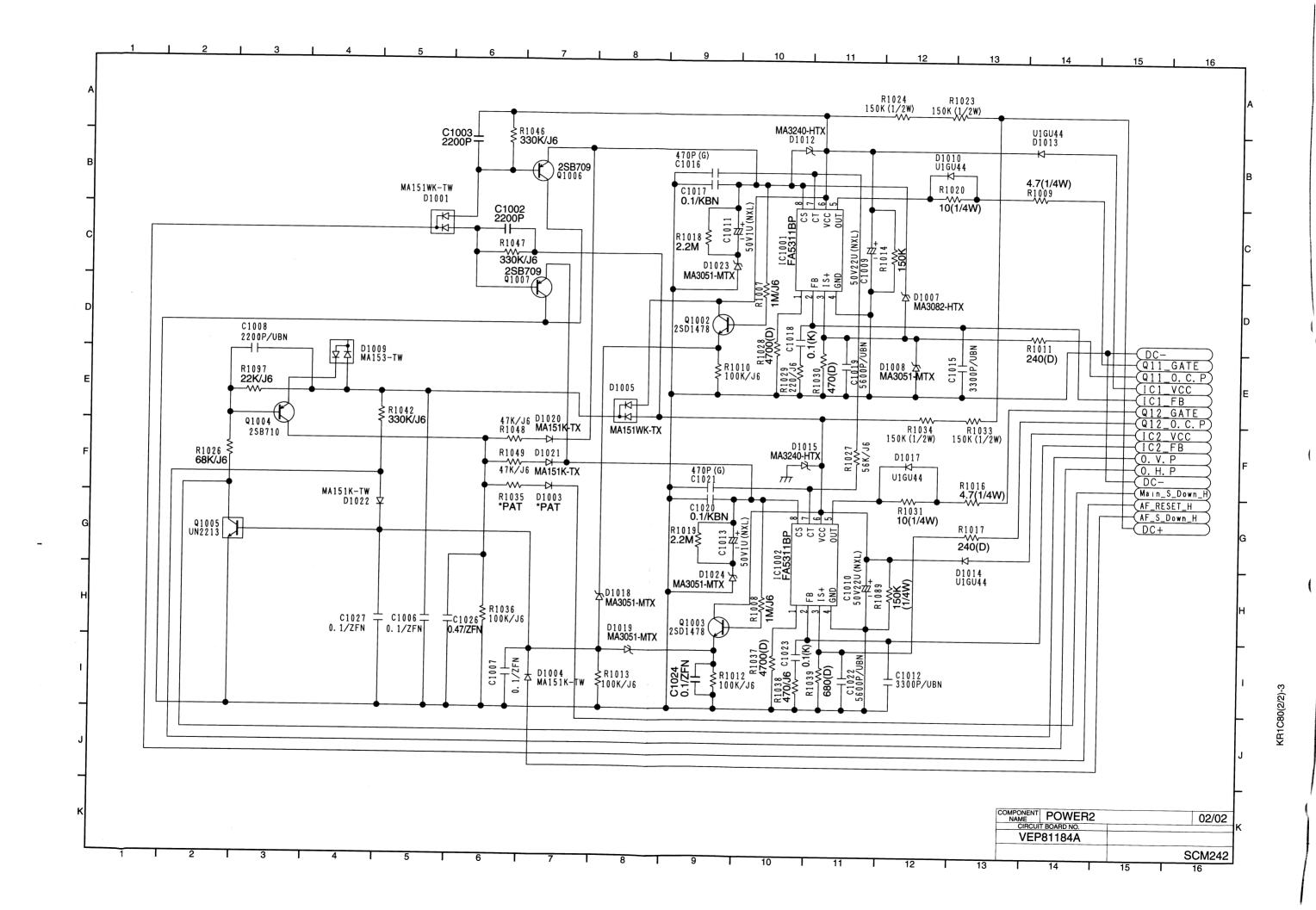


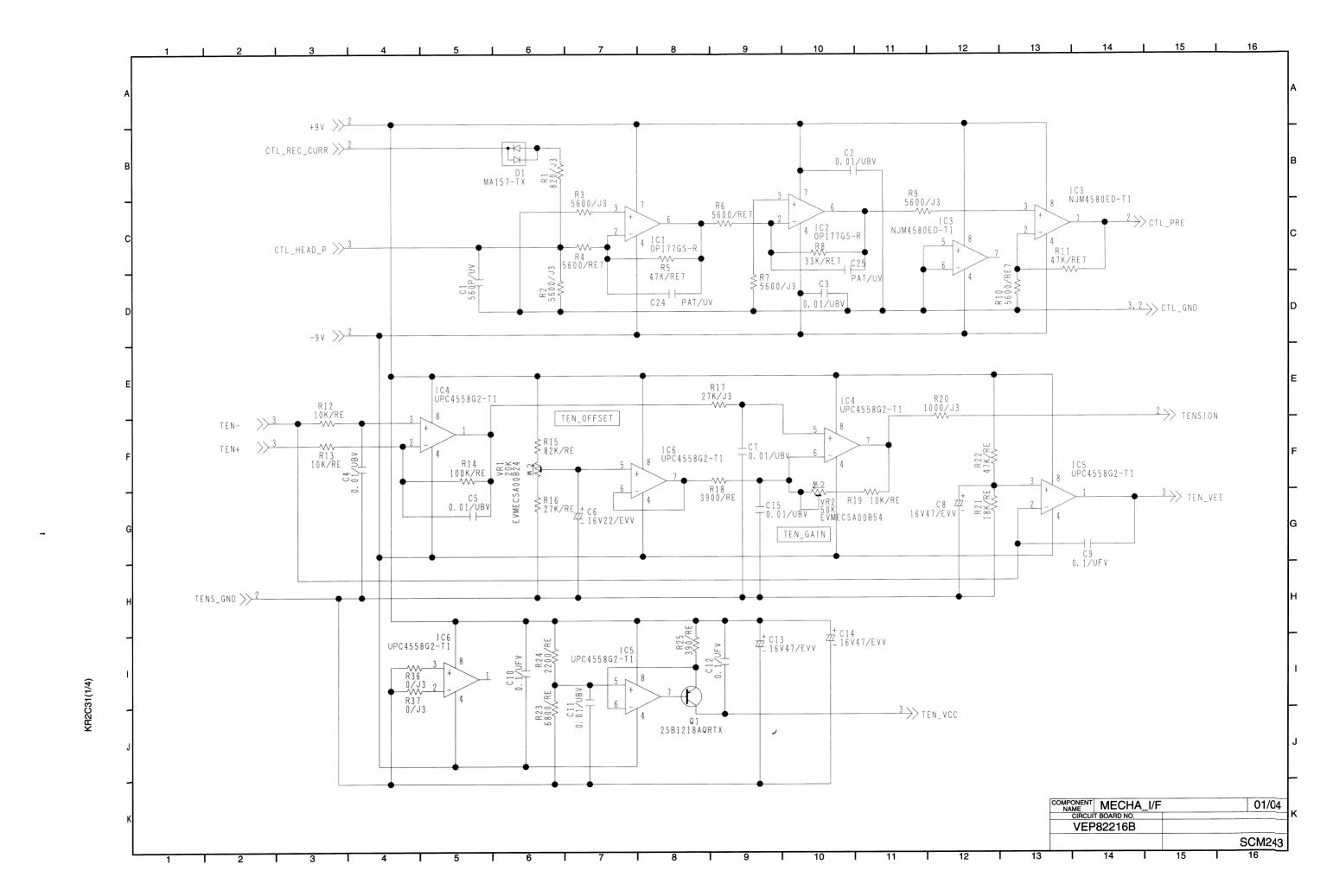
KR1C79(1/1)-3

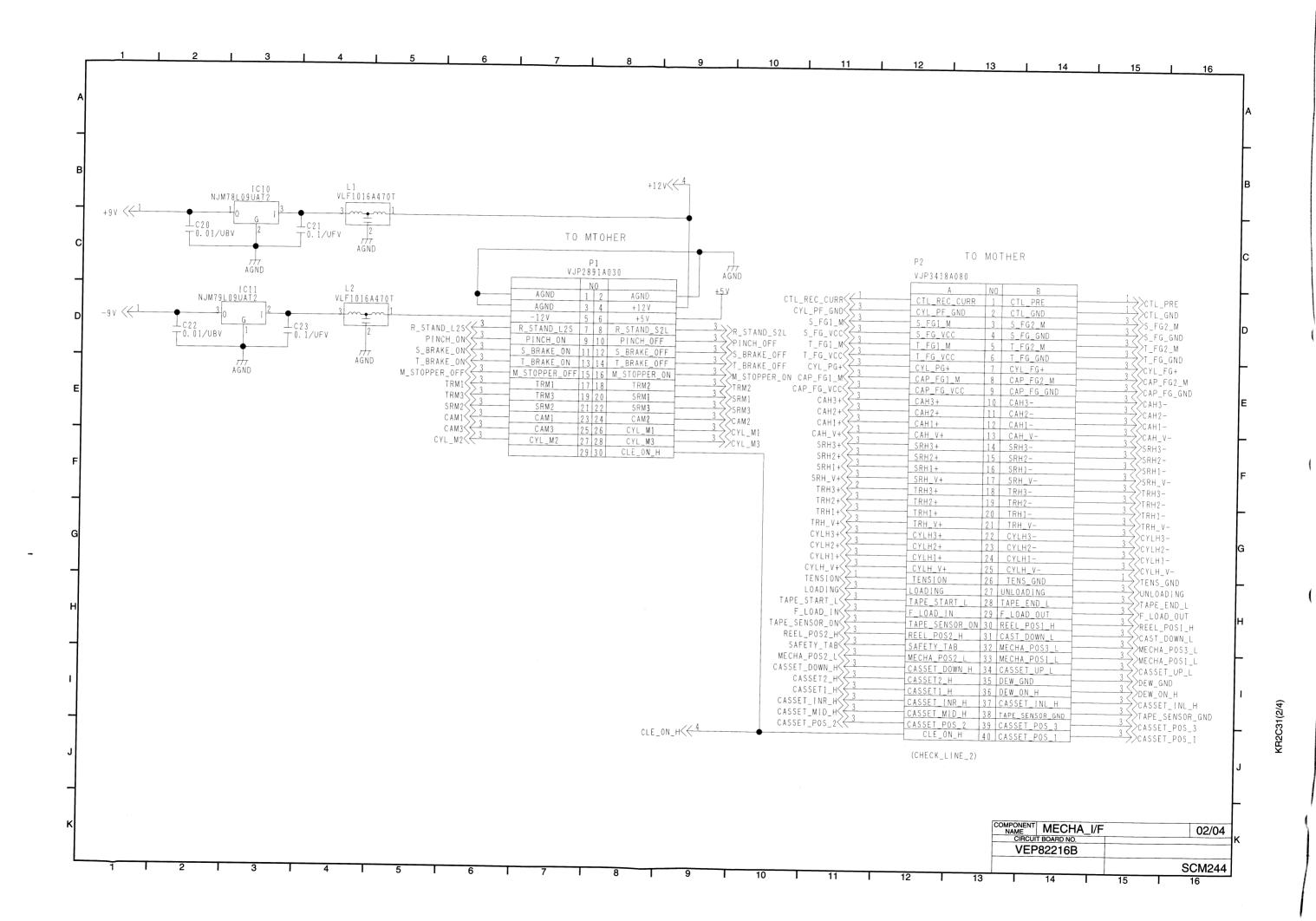
15

12

R1C80(1/2)-3







10

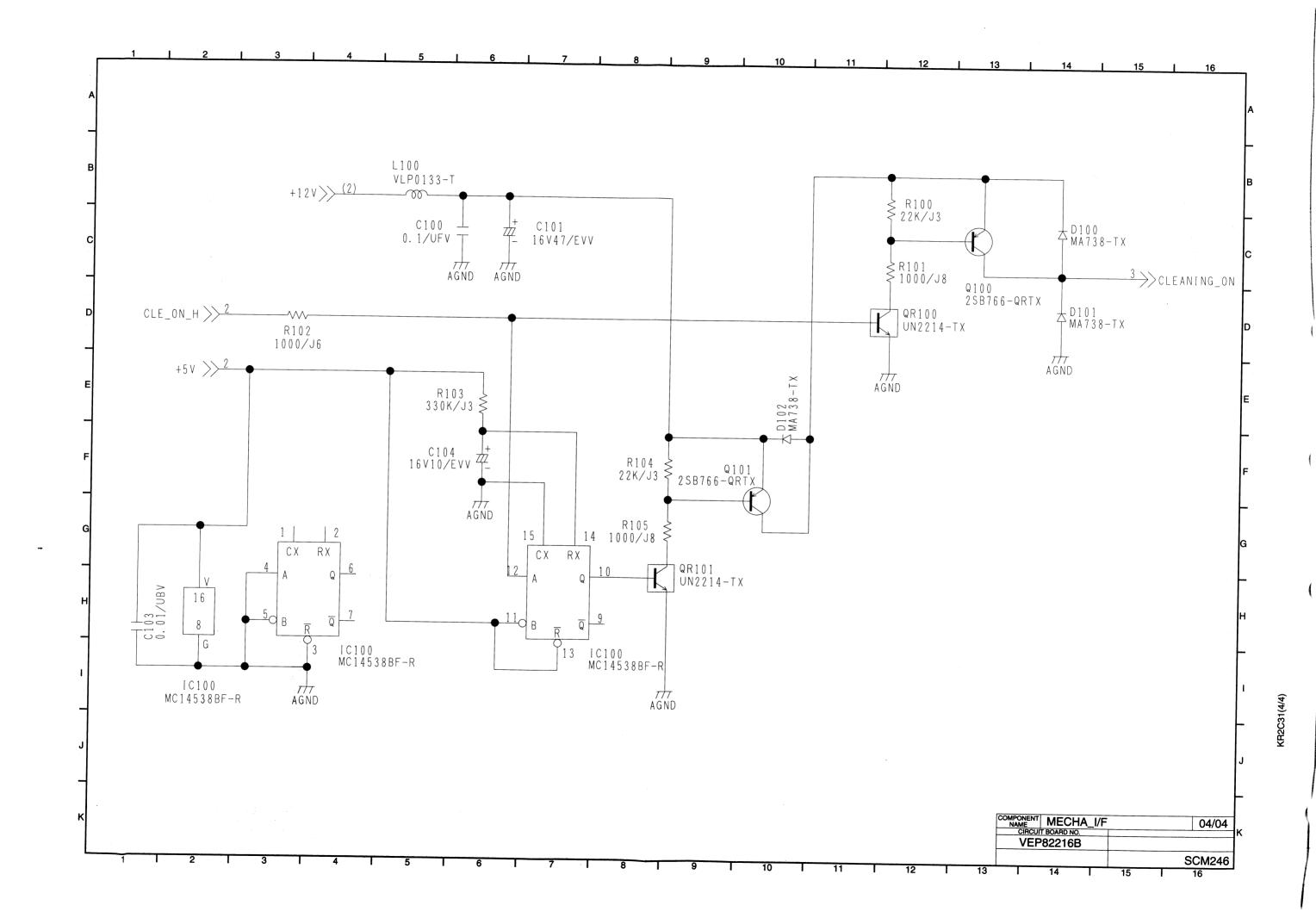
10

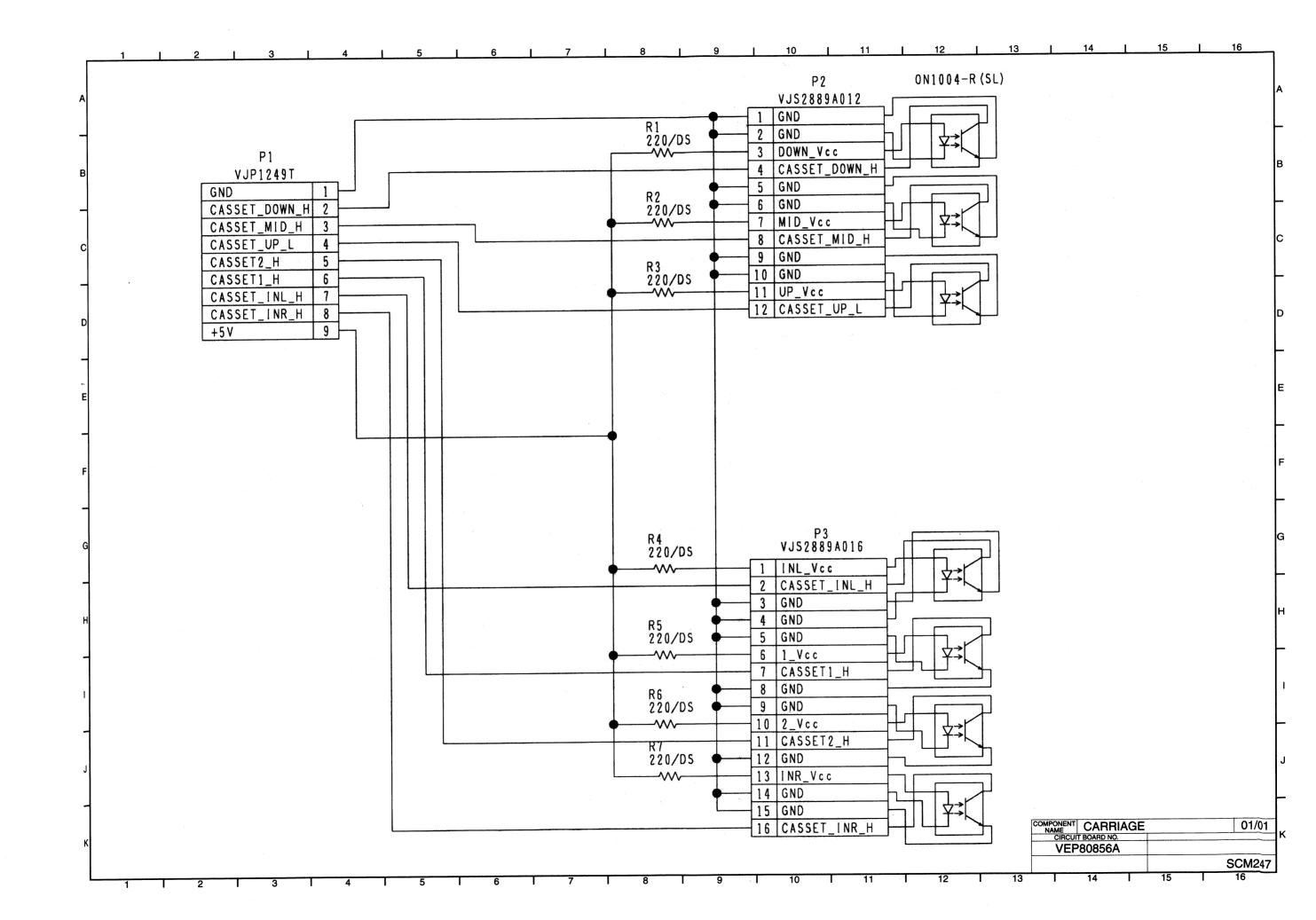
11

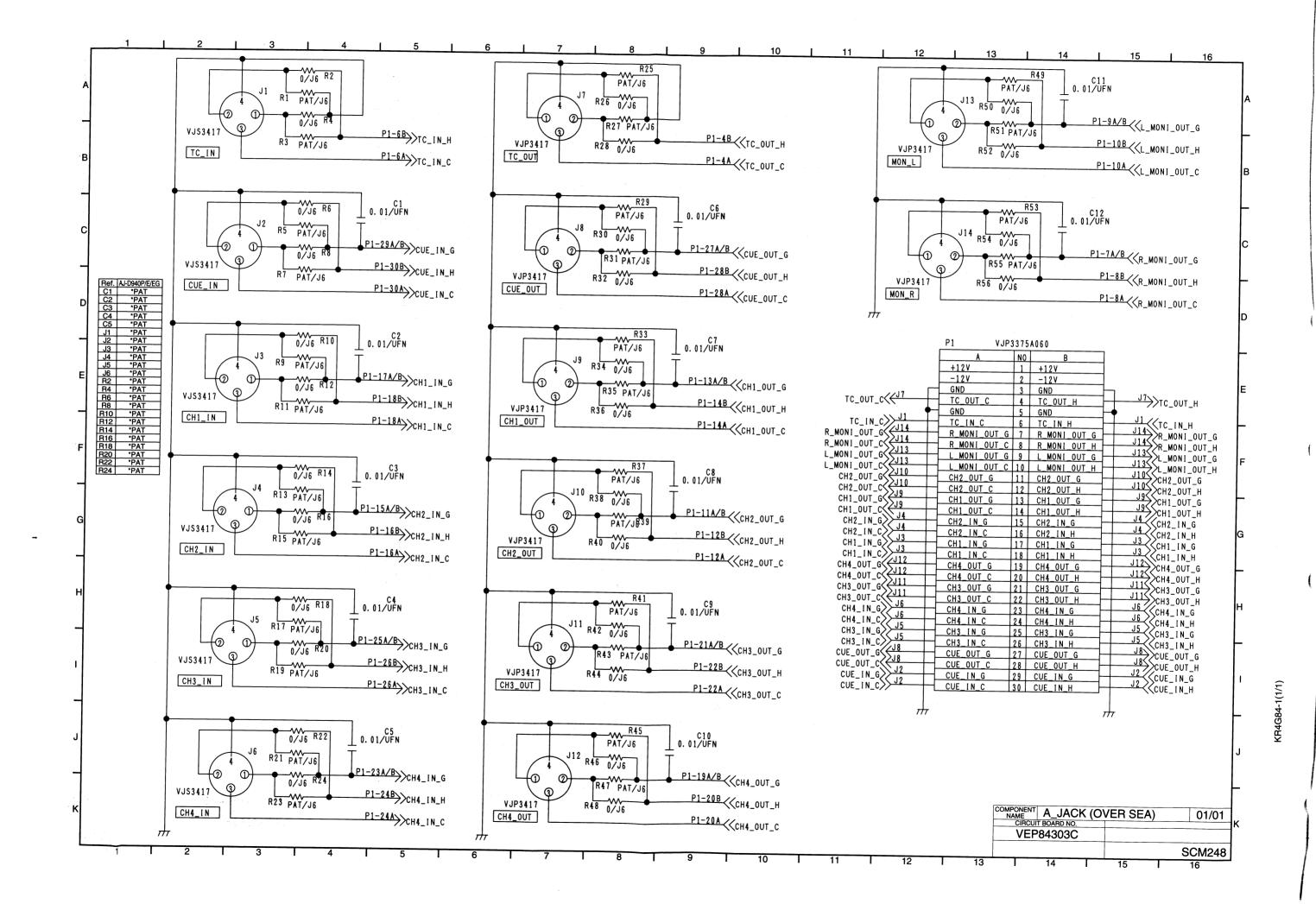
11

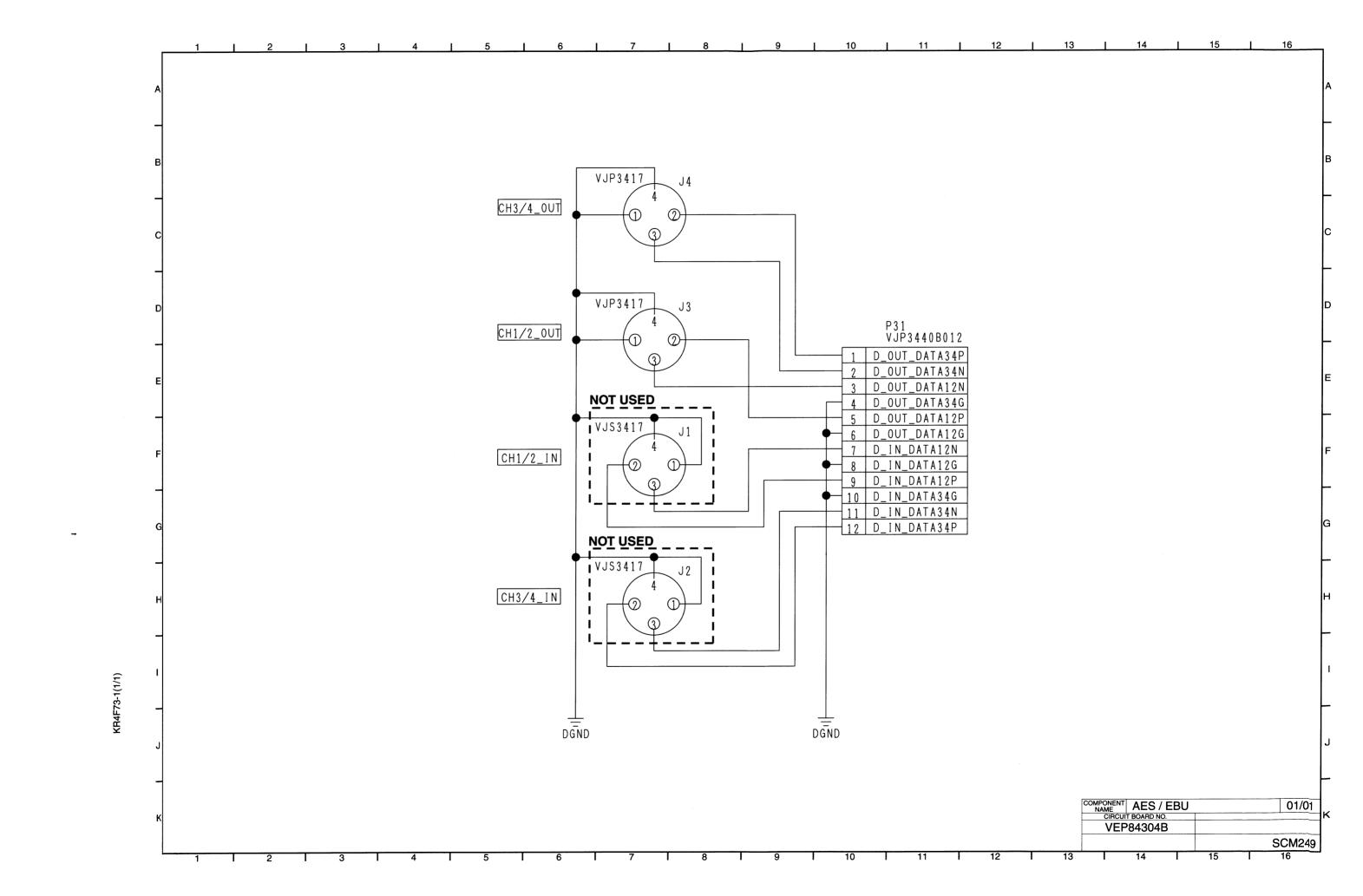
12

13

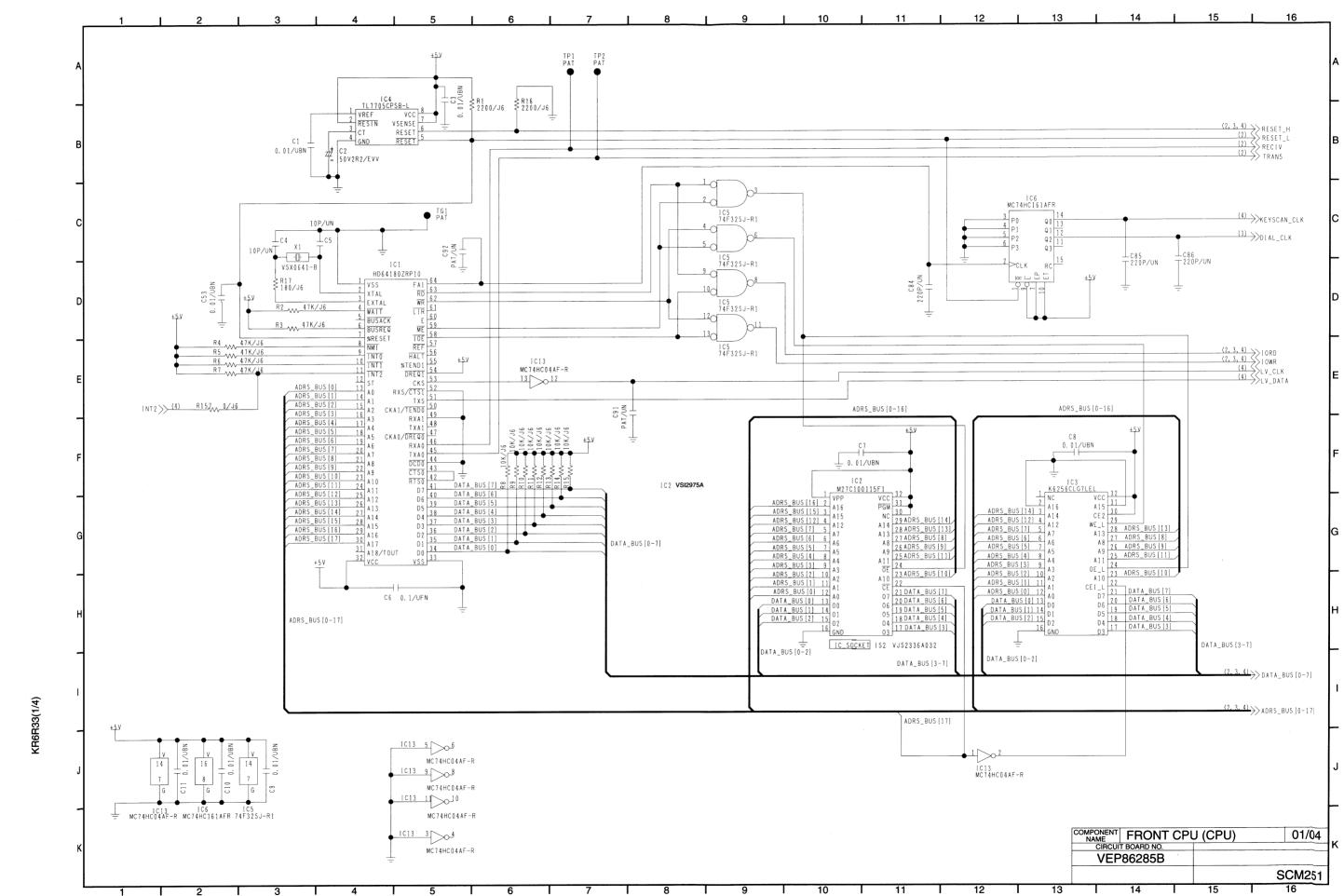




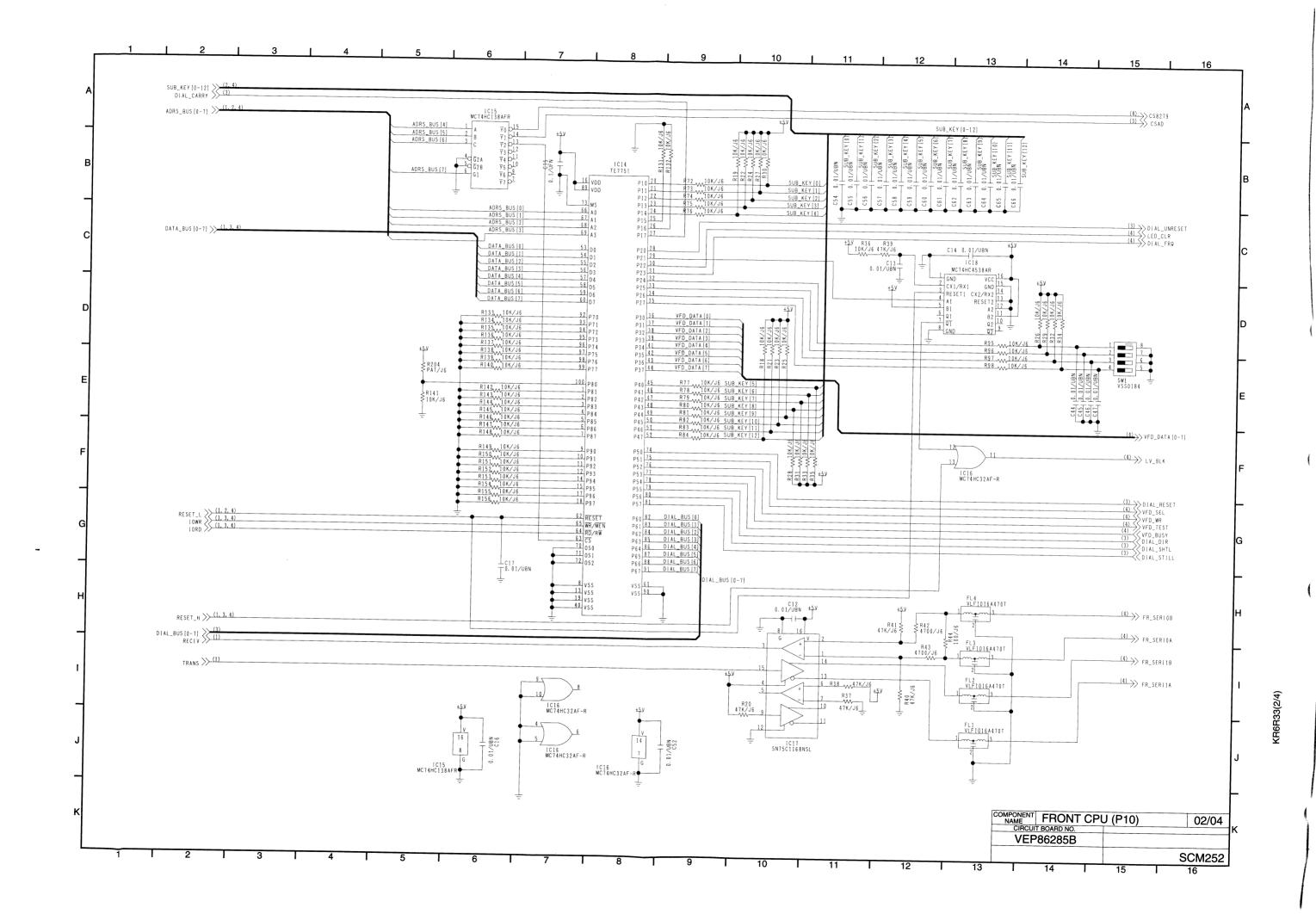




KR0M51(1/1)



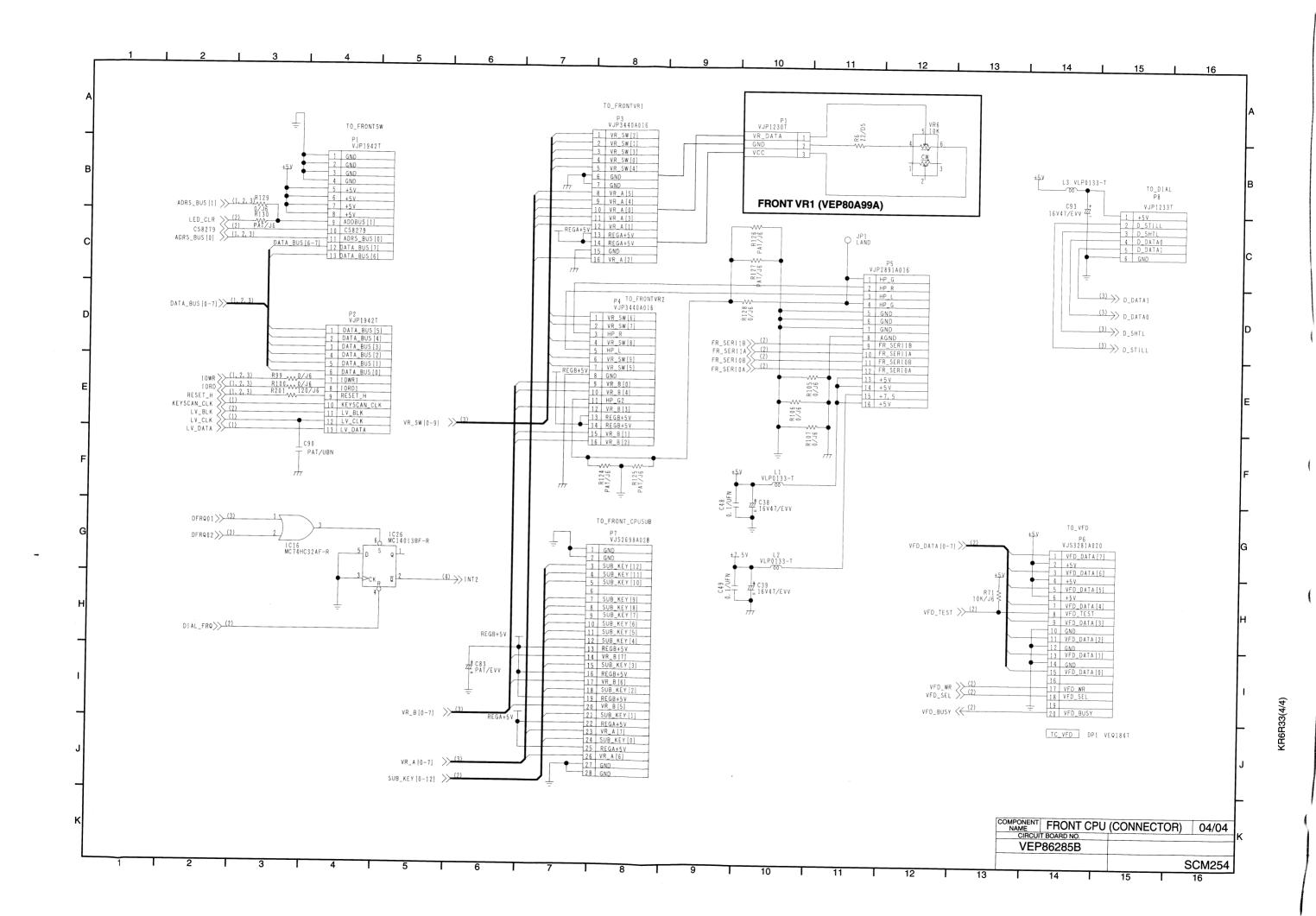
-

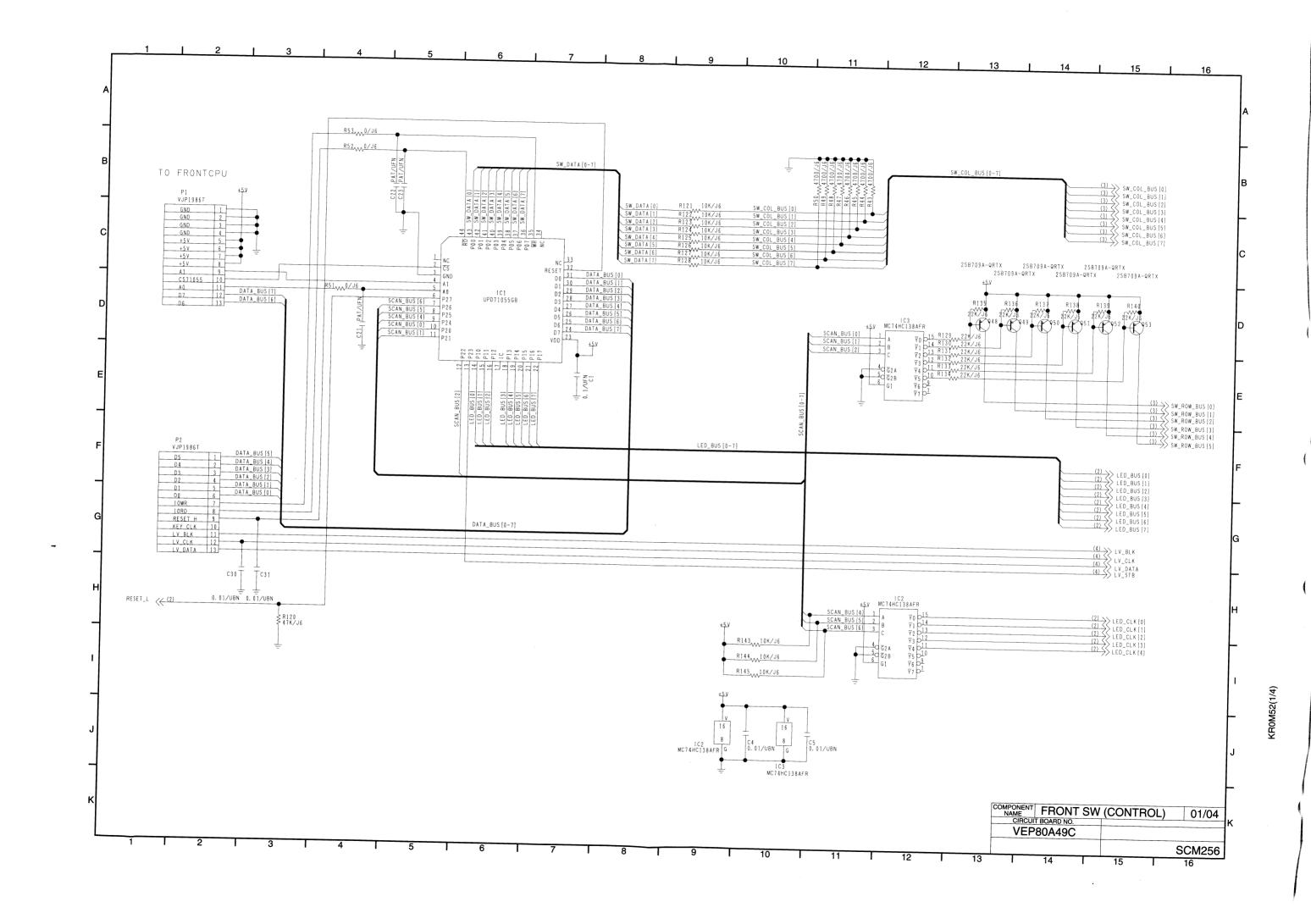


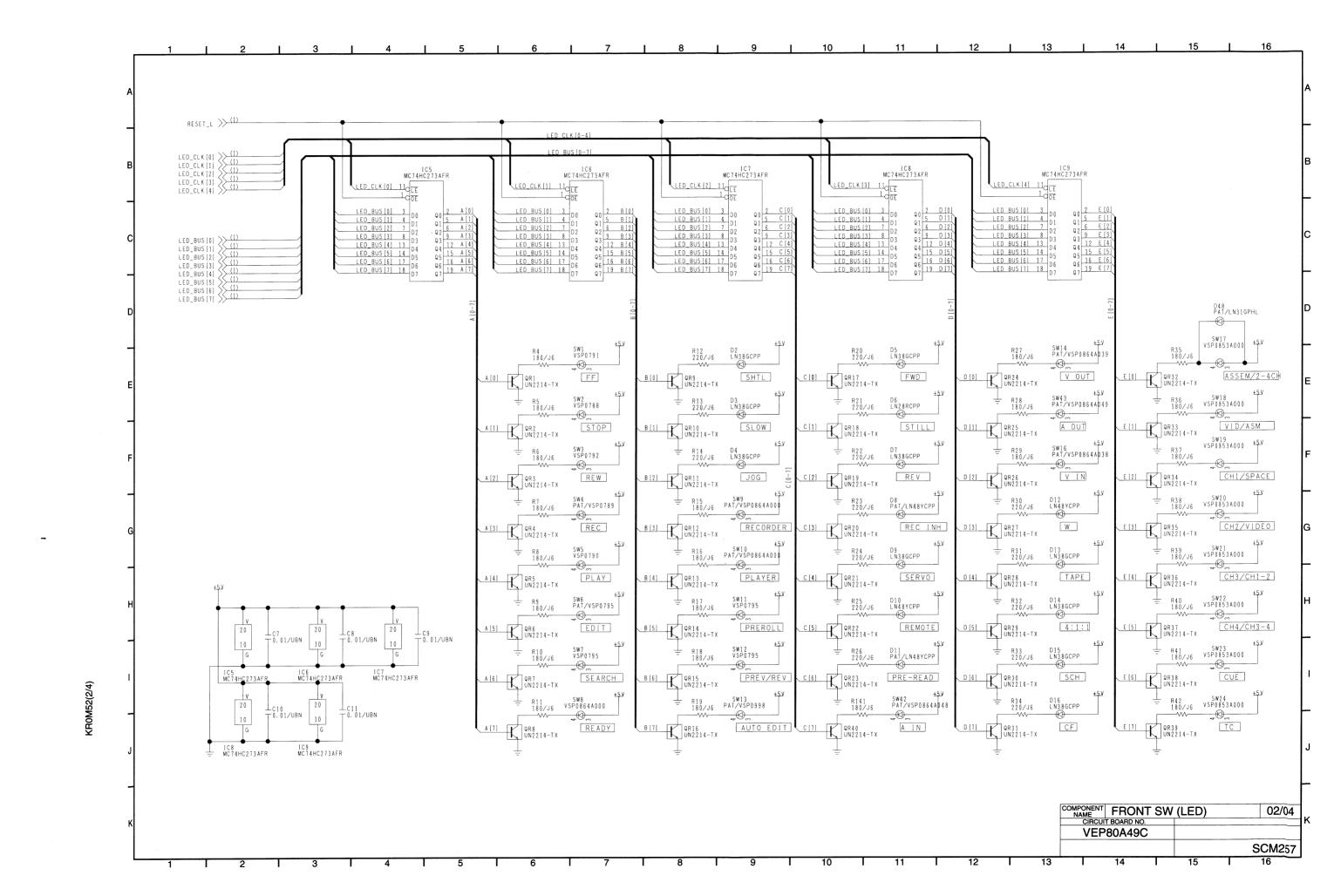
8

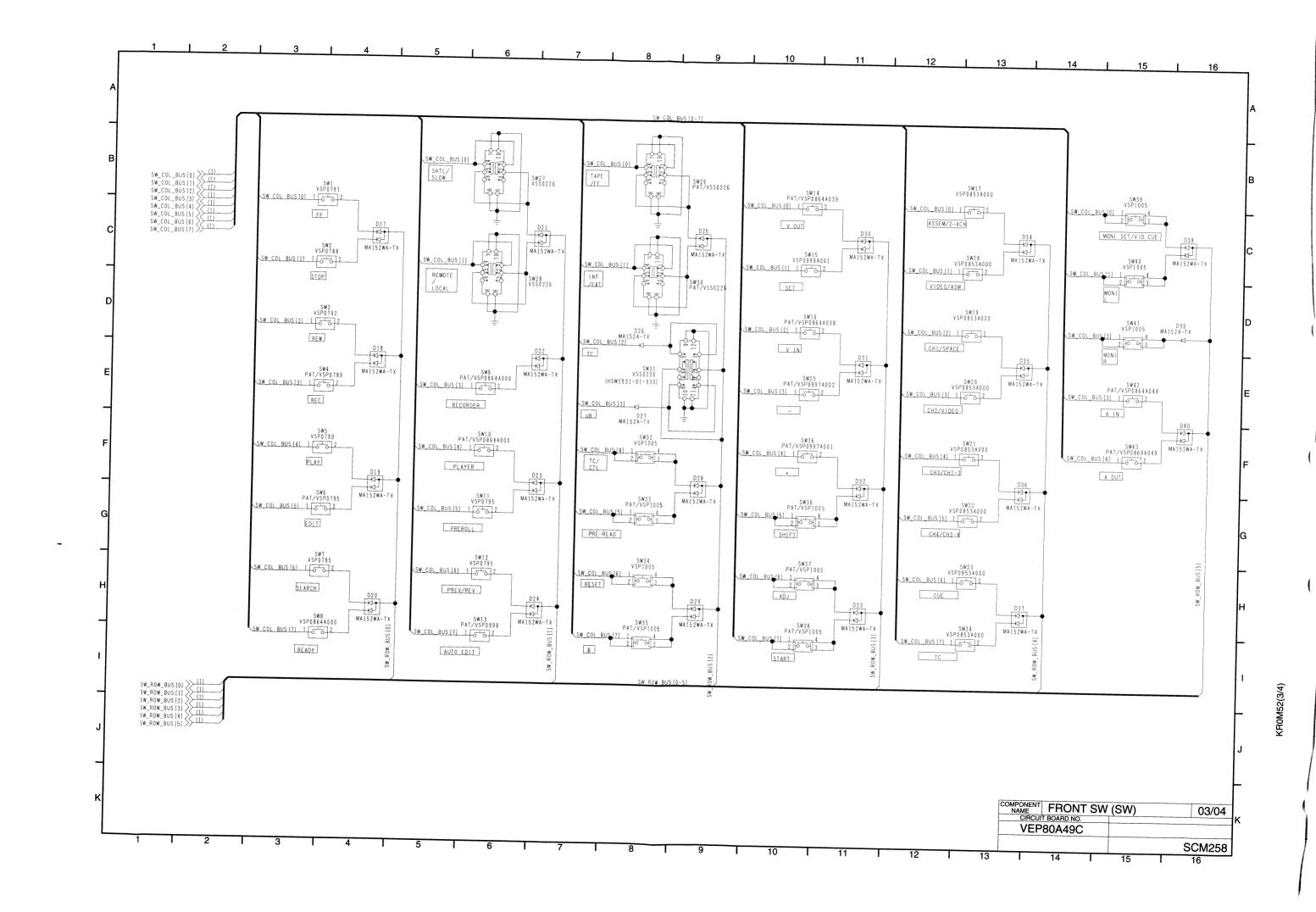
4

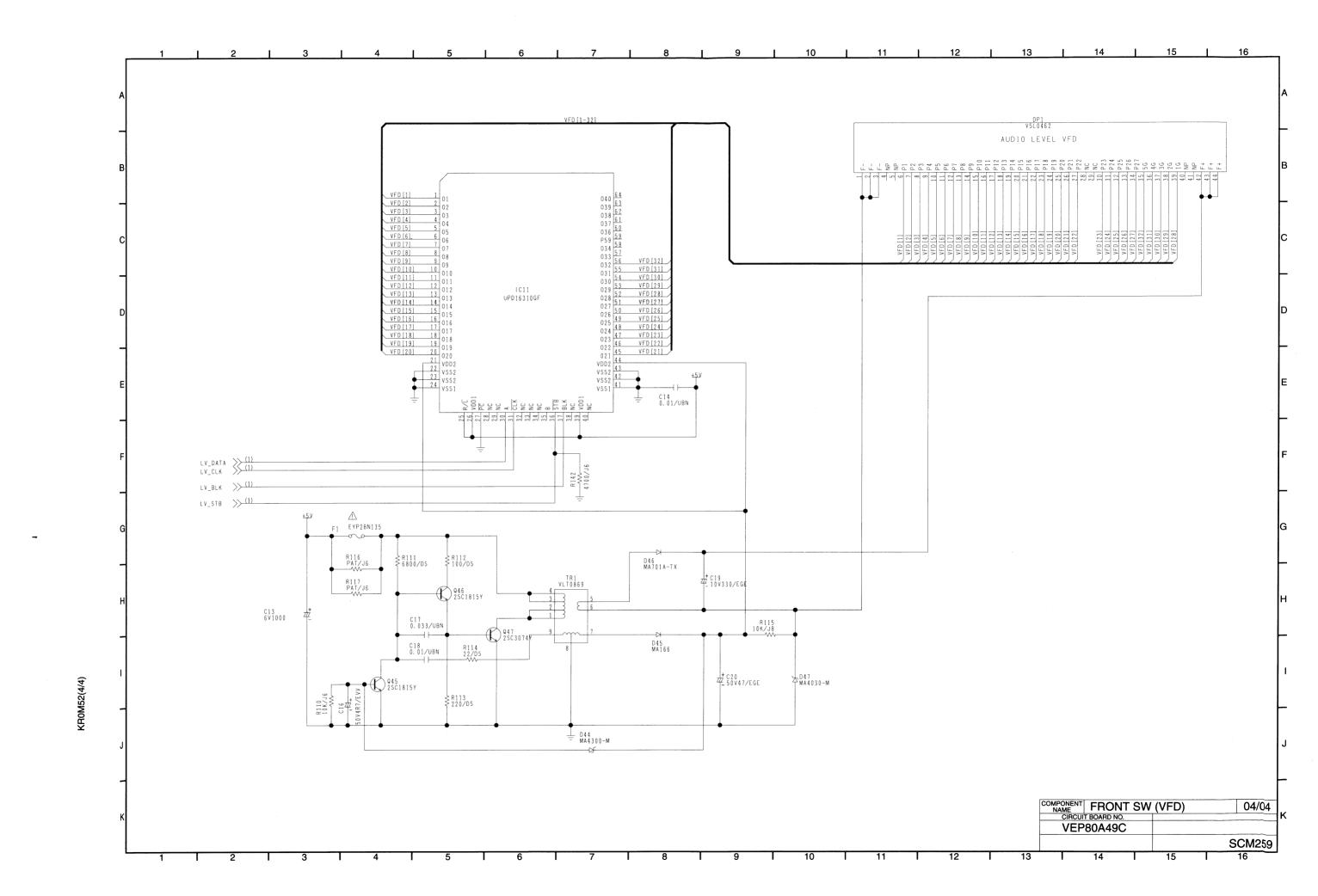
9

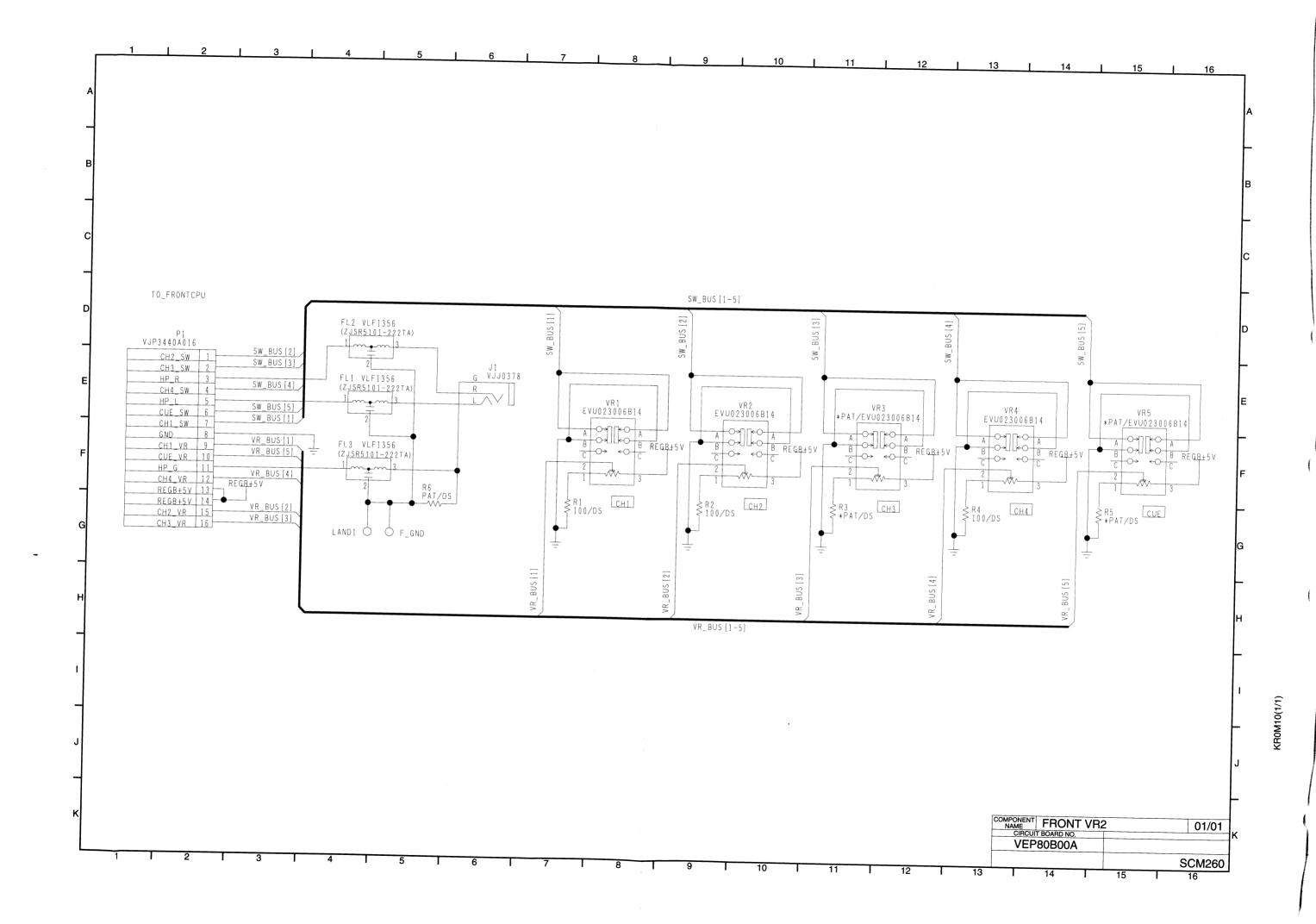












SECTION 5

CIRCUIT BOARD DIAGRAMS

CONTENTS

| MOTHER P.C. BOARD (VEP80A96A) · · · · · · · · · · · · · · · · · · · | |
|--|---------|
| F1: SERVO P.C. BOARD (VEP82221A) | · PCB-2 |
| F2: SYSCON P.C. BOARD (VEP86284B) | |
| F3: NON TRK P.C. BOARD (VEP83444A) | |
| DV UCOM P.C. BOARD (VEP88234M) | |
| F4: SDI MAIN P.C. BOARD (VEP83452A) | |
| F5: PB P.C. BOARD (VEP83453A) · · · · · · · · · · · · · · · · · · · | PCB-10 |
| DV UCOM P.C. BOARD (VEP88234L) · · · · · · · · · · · · · · · · · · · | PCB-11 |
| F6: V OUT P.C. BOARD (VEP83454B) · · · · · · · · · · · · · · · · · · · | |
| 4:2:2 DA SUB P.C. BOARD (VEP83385B) | |
| F7: A PROC P.C. BOARD (VEP84326C) | |
| F8: A ADDA P.C. BOARD (VEP84301C): | |
| H1: CUE P.C. BOARD (VEP84302B) | |
| H2/H3/H4: EQ P.C. BOARD (VEP85177A) | |
| V BLK P.C. BOARD (VEP88235A) · · · · · · · · · · · · · · · · · · · | PCB-22 |
| HEAD AMP P.C. BOARD (VEP85174A)···································· | |
| POWER 1 P.C. BOARD (VEP81183A) | |
| POWER 2 P.C. BOARD (VEP81184A) | |
| FRONT CPU P.C. BOARD (VEP86285B) · · · · · · · · · · · · · · · · · · · | |
| FRONT SW P.C. BOARD (VEP80A49C) · · · · · · · · · · · · · · · · · · · | |
| UP FRONT 1 P.C. BOARD (VEP80A52B) · · · · · · · · · · · · · · · · · · · | |
| FRONT VR1 P.C. BOARD (VEP80A99A)······ | |
| FRONT VR2 P.C. BOARD (VEP80B00A)······ | |
| AES/EBU P.C. BOARD (VEP84304B) | |
| FRONT CPU SUB P.C. BOARD (VEP86148D) · · · · · · · · · · · · · · · · · · · | |
| V/S JACK P.C. BOARD (VEP83417B) · · · · · · · · · · · · · · · · · · · | |
| AUDIO JACK P.C. BOARD (VEP84303C) · · · · · · · · · · · · · · · · · · · | |
| MECHA I/F P.C. BOARD (VEP82216B) · · · · · · · · · · · · · · · · · · · | |
| CARRIGE P.C. BOARD (VEP80856A) · · · · · · · · · · · · · · · · · · · | PCB-28 |

NOTE:

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER SHOWN IN THE PARTS LIST.
AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

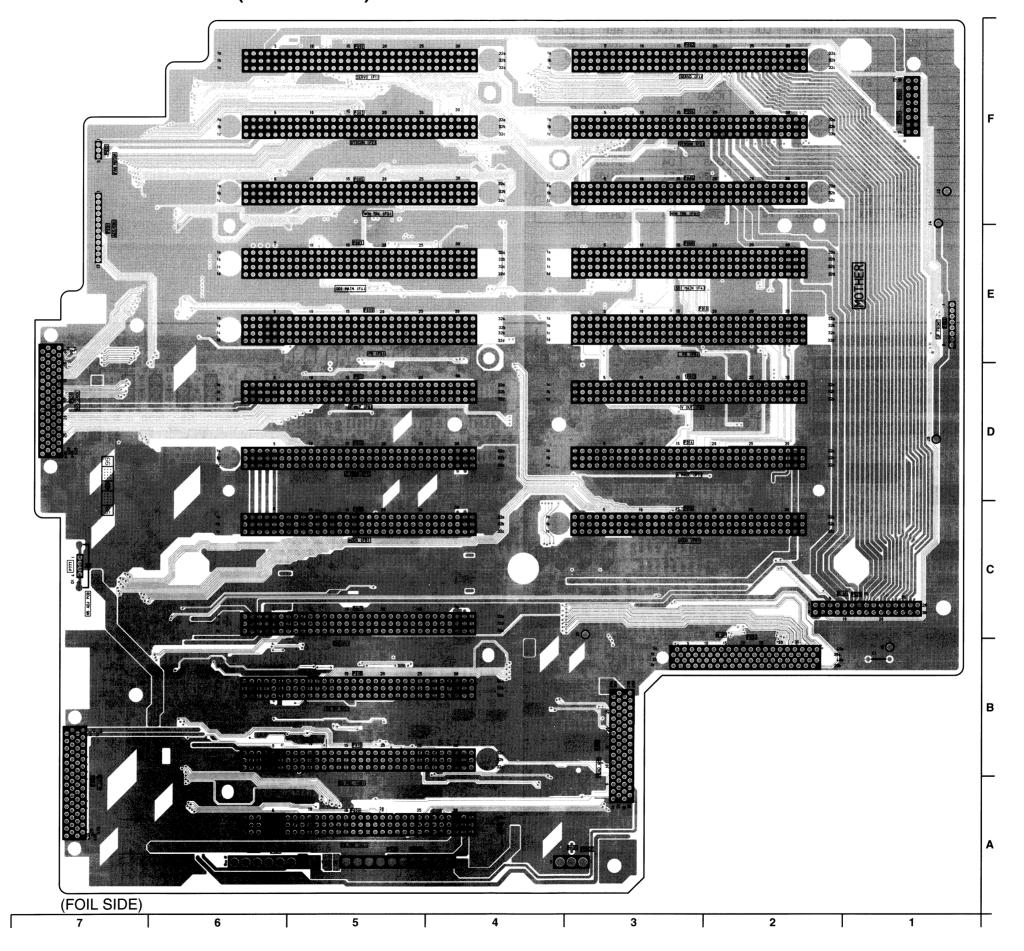
THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

诺克索克利特特的 医心脏 医皮肤的 医克里氏反应

IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

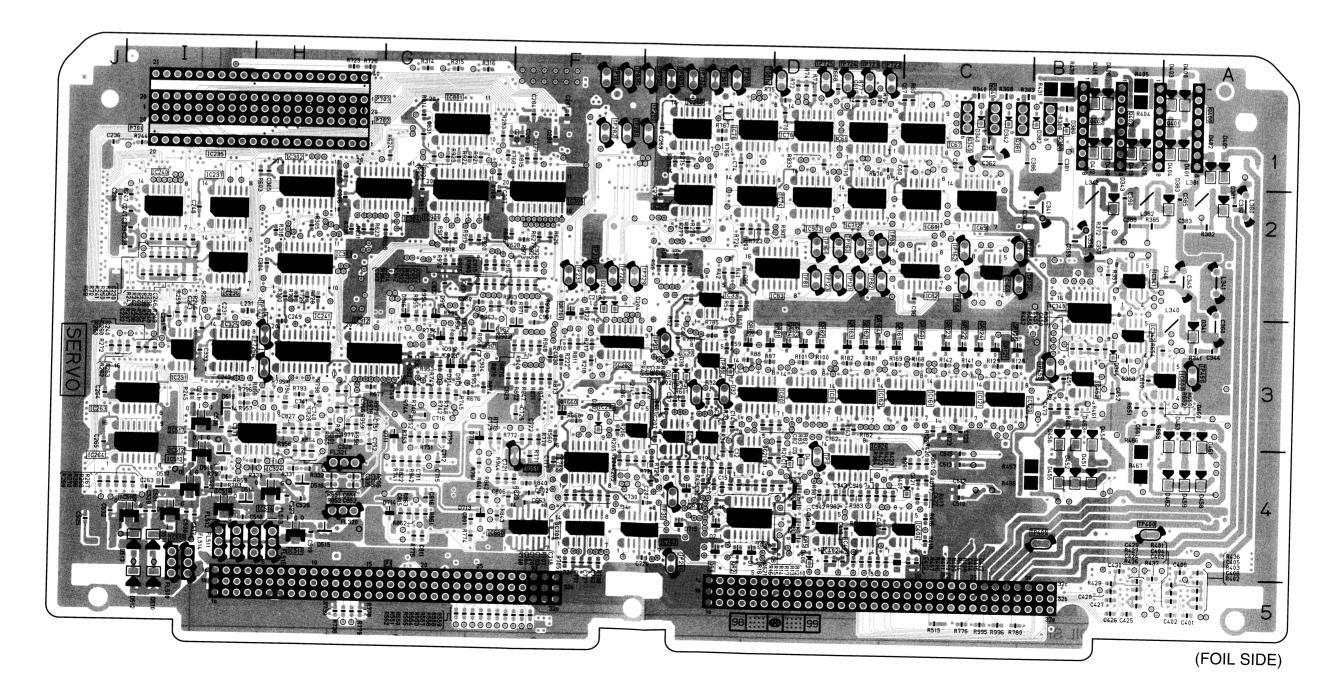
MOTHER P.C. BOARD (VEP80A96A)



F1: SERVO P.C. BOARD (VEP82221A)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | DEE | 1.00 | | |
|------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|-----|
| IC2 | E4 | IC81 | D3 | IC241 | H3 | | | REF | LOC | REF | LOC |
| IC3 | E4 | IC82 | C2 | | | IC402 | D4 | IC701 | F4 | QR84 | D3 |
| IC30 | E3 | | | IC263 | 13 | IC403 | D4 | IC702 | F4 | QR85 | E3 |
| | | IC83 | D2 | IC264 | 14 | IC404 | C4 | IC703 | F4 | QR120 | C3 |
| IC31 | E3 | IC120 | C3 | IC268 | E1 | IC452 | B3 | IC712 | D2 | QR121 | |
| IC32 | E3 | IC121 | C3 | IC269 | E2 | IC510 | 14 | IC903 | | | C3 |
| IC33 | E2 | IC160 | C2 | IC301 | H2 | IC511 | | | D2 | QR122 | C3 |
| IC60 | C2 | IC161 | C3 | IC302 | | | H4 | IC921 | D4 | QR123 | C3 |
| IC61 | D1 | IC162 | | | H2 | IC512 | 14 | QR5 | D4 | QR124 | C3 |
| IC67 | | | D3 | IC304 | H2 | IC513 | 14 | QR6 | D4 | QR160 | C3 |
| | C1 | IC203 | F3 | IC305 | F2 | IC514 | H4 | QR7 | D4 | QR161 | D3 |
| IC69 | C2 | IC207 | F3 | IC324 | 13 | IC515 | 14 | QR8 | D4 | | |
| IC70 | D1 | IC231 | 13 | IC325 | 13 | IC516 | 14 | QR30 | | QR162 | D3 |
| IC71 | E1 | IC236 | 12 | IC340 | B2 | IC517 | | | E4 | QR163 | D3 |
| IC74 | E2 | IC237 | 12 | IC341 | | | 13 | QR81 | D3 | QR164 | D3 |
| IC80 | E3 | | | | B2 | IC600 | _A3 | QR82 | D3 | QR660 | F3 |
| 1000 | LJ | IC240 | 12 | IC342 | B3 | IC660 | F4 | QR83 | D3 | QR701 | F3 |

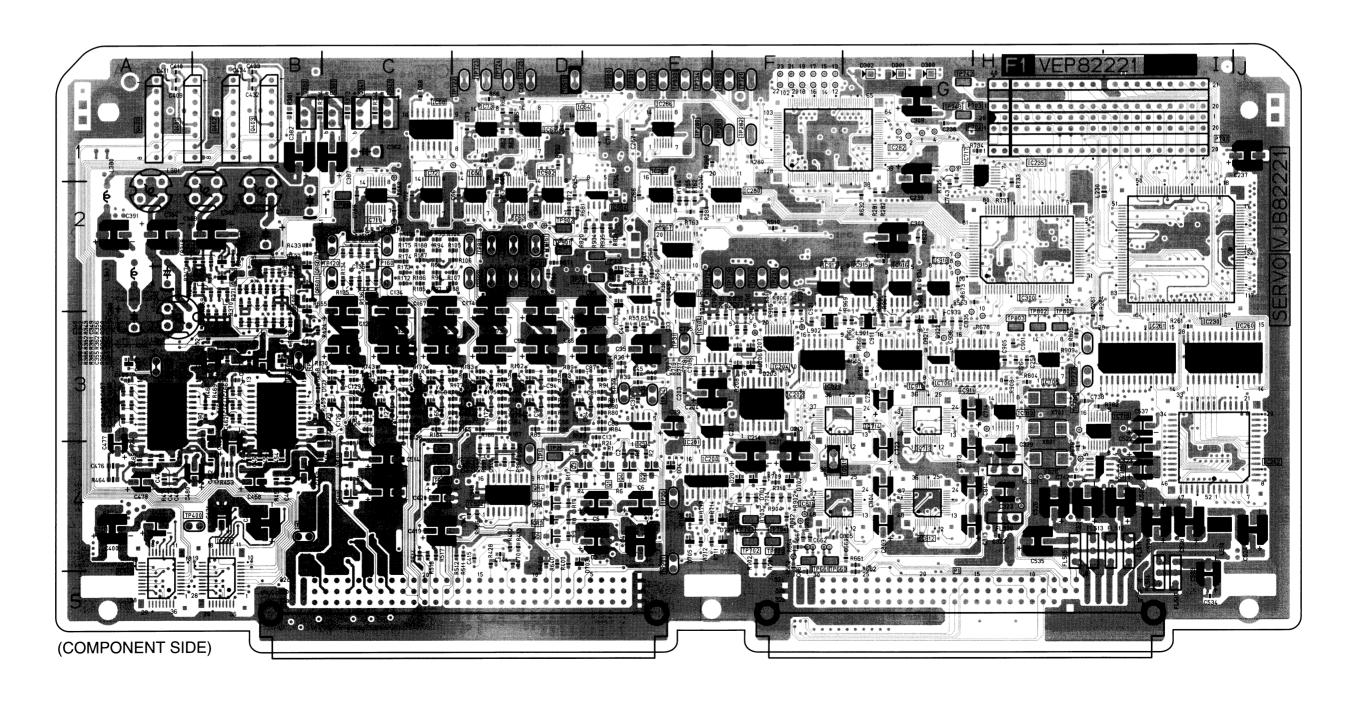
(FOIL SIDE)



F1: SERVO P.C. BOARD (VEP82221A)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| IC34 | E3 | IC235 | H1 | IC704 | F3 | P1 | G5 | QR400 | B3 | TP80 | D2 | TP231 | F2 | TP703 | F4 | TP741 | C4 |
| IC35 | E3 | IC260 | 13 | IC708 | H3 | P2 | D5 | QR401 | B3 | TP81 | D2 | TP280 | E1 | TP704 | F4 | TP742 | G1 |
| IC63 | D2 | IC261 | 13 | IC711 | C2 | Q340 | C1 | QR600 | B2 | TP82 | D2 | TP281 | F1 | TP721 | F1 | TP743 | G1 |
| IC64 | E1 | IC262 | 14 | IC713 | G3 | Q341 | C1 | QR601 | B2 | TP83 | D2 | TP282 | F1 | TP722 | D1 | TP801 | H3 |
| IC65 | D1 | IC265 | E2 | IC714 | F3 | Q380 | B1 | TG510 | D1 | TP120 | C2 | TP300 | E1 | TP723 | D1 | TP802 | H3 |
| IC66 | D2 | IC266 | E1 | IC715 | H3 | Q381 | C1 | TG511 | F4 | TP121 | D2 | TP301 | E1 | TP724 | D1 | TP803 | H3 |
| IC68 | C1 | IC267 | E2 | IC716 | H4 | Q400 | A1 | TP2 | D4 | TP122 | C2 | TP400 | A4 | TP725 | D1 | TP901 | D2 |
| IC72 | C2 | IC280 | F2 | IC717 | H1 | Q401 | A1 | TP30 | E3 | TP123 | D2 | TP401 | B4 | TP726 | H3 | TP902 | D2 |
| IC73 | D1 | IC282 | F1 | IC821 | F3 | Q402 | B1 | TP31 | E3 | TP160 | C2 | TP450 | B3 | TP727 | H3 | X320 | H4 |
| IC200 | E4 | IC300 | H2 | IC902 | D2 | Q403 | B1 | TP32 | E2 | TP161 | D2 | TP451 | A3 | TP728 | F2 | X701 | H3 |
| IC201 | F3 | IC400 | A5 | IC904 | E2 | Q510 | C4 | TP33 | E2 | TP162 | C2 | TP660 | F4 | TP729 | F2 | X801 | H3 |
| IC202 | F3 | IC401 | B5 | IC910 | G3 | Q511 | C4 | TP34 | E3 | TP163 | D2 | TP661 | F4 | TP731 | C4 | | |
| IC204 | F3 | IC450 | B3 | IC922 | D4 | QR340 | B2 | TP35 | E4 | TP201 | E5 | TP701 | F4 | TP732 | E1 | | |
| IC230 | 12 | IC451 | A3 | IS235 | H1 | QR341 | B2 | TP60 | C2 | TP230 | F2 | TP702 | F4 | TP734 | E1 | | |

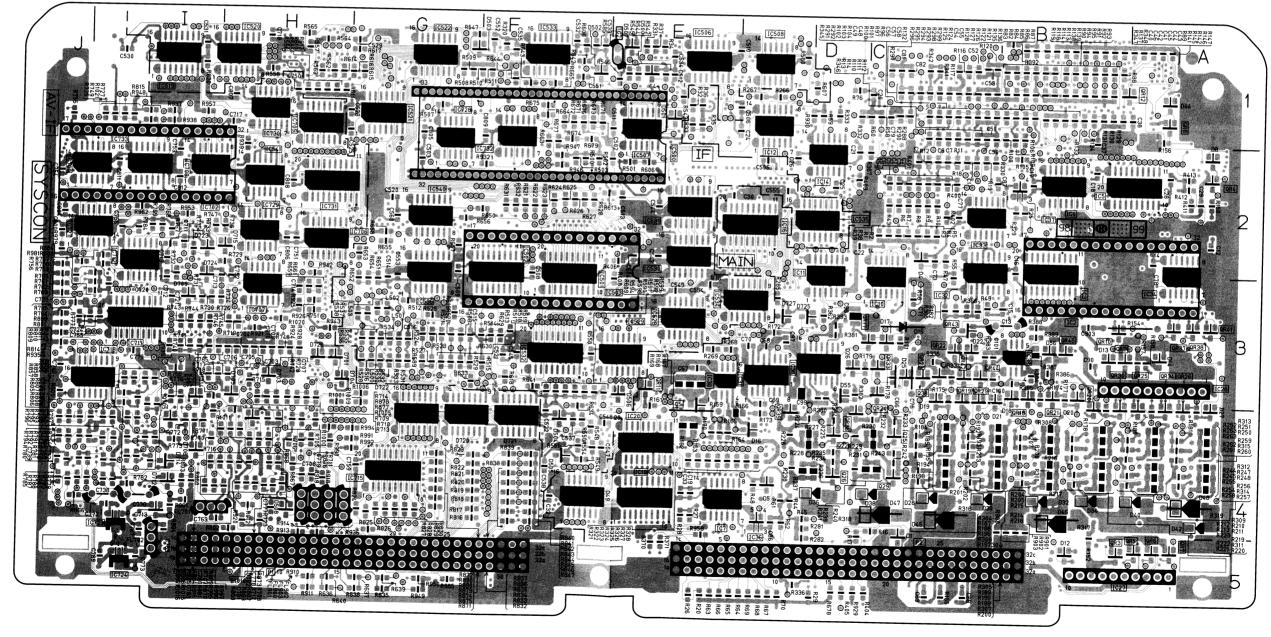
(COMPONENT SIDE)



F2: SYSCON P.C. BOARD (VEP86284B)

| REF | LOC | REF | LOC | REF | LOC | REF | 100 | DEE | 1.2 | | | | |
|---------|-----|-------|-------|-------|-----|-------|-----|------|-----|------|-----|------|-----|
| IC3 | B3 | IC33 | C2 | | | | LOC | REF | LOC | REF | LOC | REF | LOC |
| IC4 | | | | IC522 | G1 | IC709 | J2 | Q5 | E3 | QR9 | B3 | QR29 | C3 |
| | B2 | IC34 | A3 | IC528 | E3 | IC711 | 13 | Q22 | D4 | QR10 | B3 | | |
| IC5 | A2 | IC36 | D4 | IC529 | E3 | IC712 | 13 | Q25 | C4 | | | QR30 | B3 |
| IC7 | E4 | IC37 | B2 | IC530 | E2 | IC715 | G4 | | | QR11 | E3 | QR33 | C3 |
| IC10 | C3 | IC38 | D3 | IC531 | | | | Q26 | D4 | QR12 | B1 | QR34 | A3 |
| IC11 | D3 | | | | E2 | IC718 | 13 | Q29 | C4 | QR17 | C3 | QR35 | D4 |
| | | IC39 | B3 | IC532 | F3 | IC723 | 15 | Q38 | C3 | QR18 | B3 | QR36 | D4 |
| IC12 | D1 | IC501 | F3 | IC534 | D3 | IC724 | 15 | Q704 | 13 | QR19 | | | |
| IC14 | D2 | IC502 | F3 | IC535 | D2 | IC727 | 12 | Q705 | | | C3 | QR37 | A3 |
| IC16 | D2 | IC506 | E1 | IC536 | G3 | | | | 14 | QR20 | B3 | QR38 | A3 |
| IC19 | E4 | IC507 | E1 | | | IC728 | G2 | QR3 | B5 | QR21 | B3 | QR41 | A3 |
| IC20 | | | | IC541 | H2 | IC729 | H2 | QR4 | A2 | QR22 | C3 | QR43 | C3 |
| | E4 | IC508 | D1 | IC705 | H1 | IC730 | H1 | QR5 | A5 | QR23 | C3 | | |
| IC30 | E3 | IC519 | 11 | IC706 | H2 | IC731 | H2 | QR6 | + | | | QR44 | C3 |
| IC31 | D3 | IC520 | H1 | IC707 | H3 | IC732 | | | A5 | QR24 | C3 | QR45 | B3 |
| IC32 | C3 | IC521 | G1 | | | | F2 | QR7 | A5 | QR25 | A3 | | |
| OIL OID | | 10321 | l d i | IC708 | 12 | IC733 | 12 | QR8 | A1 | QR26 | A3 | | + |

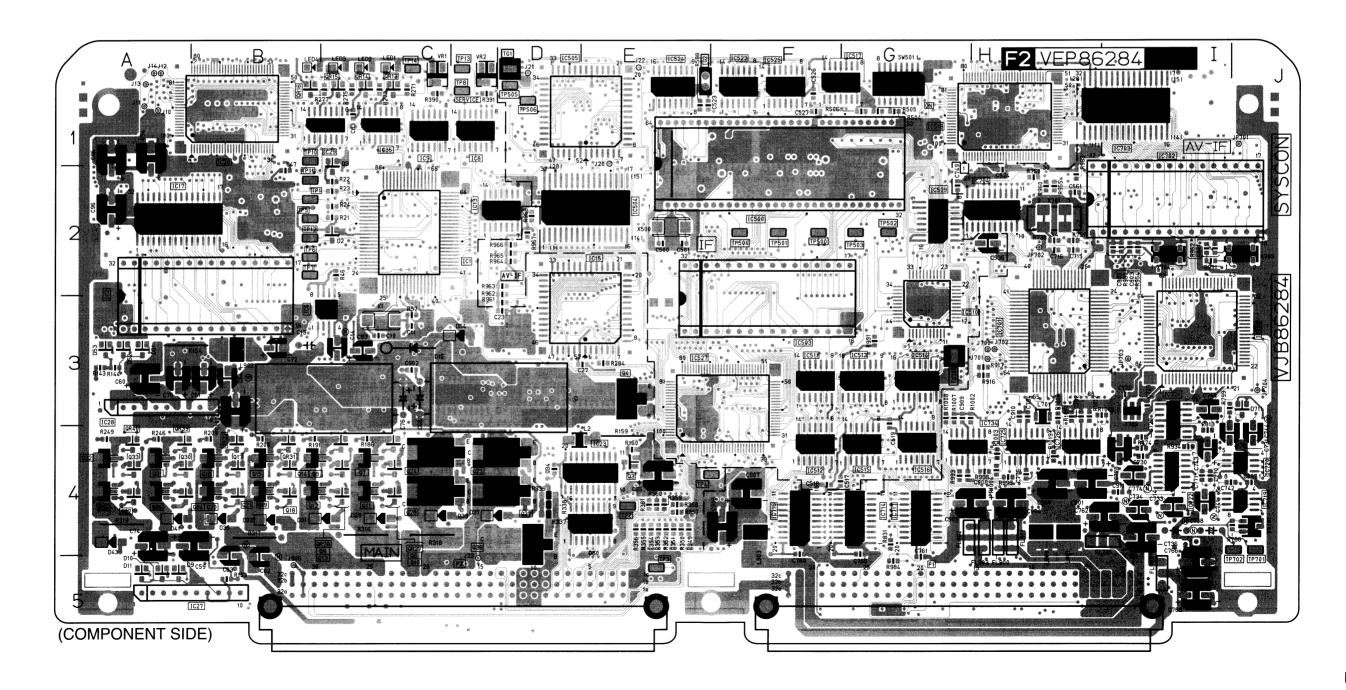
(FOIL SIDE)



F2: SYSCON P.C. BOARD (VEP86284B)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|------|-----|-------|-----|-------|-----|-------|-----|-----|-----|------|-----|-------|-----|------|-----|
| IC1 | C2 | IC500 | E2 | IC523 | F1 | IC721 | 13 | Q8 | B4 | Q23 | D4 | QR14 | C1 | TP14 | C1 |
| IC2 | A3 | IC503 | E3 | IC524 | E1 | IC722 | 14 | Q9 | C4 | Q24 | C4 | QR15 | C1 | X1 | C3 |
| IC6 | C3 | IC504 | E2 | IC525 | F1 | IC725 | H4 | Q10 | C4 | Q27 | D4 | QR16 | B1 | X500 | E2 |
| IC8 | D1 | IC505 | E1 | IC527 | F3 | IC726 | H4 | Q11 | C4 | Q28 | C4 | QR27 | C4 | X701 | H2 |
| IC9 | C1 | IC509 | G2 | IC701 | H3 | IC734 | G4 | Q12 | B4 | Q30 | B4 | QR28 | C4 | X702 | 13 |
| IC13 | D2 | IC510 | G3 | IC702 | H2 | IS2 | A3 | Q13 | C4 | Q31 | A4 | QR31 | B4 | | |
| IC15 | E3 | IC511 | F3 | IC703 | l1 | IS503 | E3 | Q14 | B4 | Q32 | A4 | QR32 | B4 | | |
| IC17 | A2 | IC512 | F4 | IC704 | H2 | IS702 | H2 | Q15 | B4 | Q33 | A4 | QR39 | A4 | | |
| IC23 | E4 | IC513 | G3 | IC710 | 13 | P1 | G5 | Q16 | B4 | Q34 | B4 | QR40 | A4 | | |
| IC26 | B1 | IC514 | G3 | IC714 | G4 | P2 | D5 | Q17 | B4 | Q35 | A4 | SW501 | G1 | | |
| IC27 | A5 | IC515 | G4 | IC716 | F4 | Q3 | E4 | Q18 | B4 | Q36 | A4 | TG1 | D1 | | |
| IC28 | A3 | IC516 | G4 | IC717 | G4 | Q4 | E3 | Q19 | B4 | Q37 | A4 | TG701 | G3 | | |
| IC29 | C1 | IC517 | F1 | IC719 | J4 | Q6 | C4 | Q20 | B4 | Q39 | D4 | TP8 | D1 | | |
| IC35 | C1 | IC518 | H1 | IC720 | J4 | Q7 | C4 | Q21 | B4 | QR13 | C1 | TP13 | D1 | | |

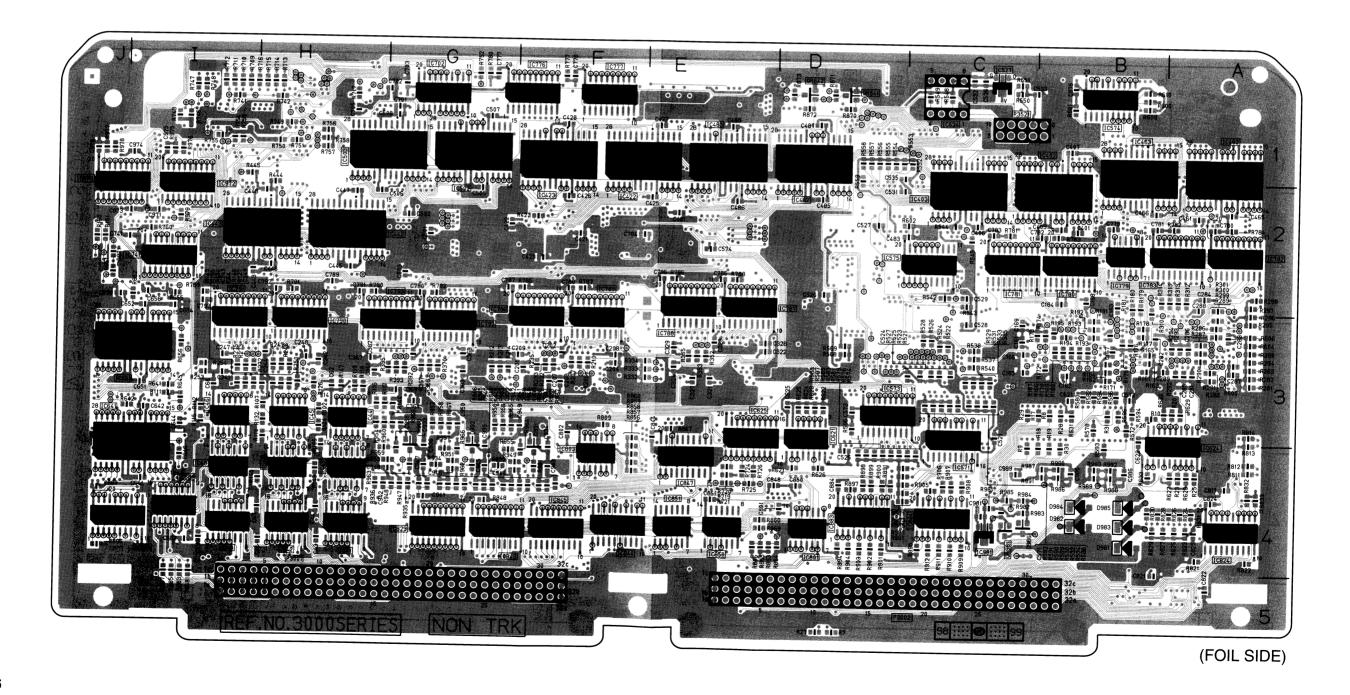
(COMPONENT SIDE)



F3: NONTRK P.C. BOARD (VEP83444A)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IC3041 | H4 | IC3502 | G1 | IC3741 | 12 | IC3792 | G3 | IC3972 | 12 |
| IC3042 | H4 | IC3527 | C1 | IC3776 | F1 | IC3793 | G3 | IC3973 | |
| IC3043 | 14 | IC3571 | C3 | IC3777 | F1 | IC3801 | D4 | | J2 |
| IC3044 | НЗ | IC3573 | D3 | IC3779 | B2 | | | QR3841 | D1 |
| IC3045 | H3 | IC3574 | B1 | | | IC3803 | F4 | QR3842 | D1 |
| | | | | IC3780 | B2 | IC3824 | A4 | | |
| IC3046 | 13 | IC3575 | C2 | IC3781 | C2 | IC3843 | G4 | | |
| IC3047 | H4 | IC3621 | D3 | IC3782 | A2 | IC3844 | F4 | | |
| IC3048 | H4 | IC3623 | G4 | IC3783 | A2 | IC3845 | F4 | | |
| IC3049 | 14 | IC3624 | A4 | IC3785 | F3 | IC3847 | E4 | | |
| IC3402 | B2 | IC3625 | E3 | IC3786 | F3 | IC3850 | E4 | | |
| IC3422 | F1 | IC3641 | 14 | IC3787 | E2 | IC3851 | E4 | | |
| IC3442 | H2 | IC3651 | 13 | IC3788 | E2 | IC3883 | D4 | | |
| IC3462 | A1 | IC3681 | 14 | IC3790 | НЗ | IC3884 | C4 | | |
| IC3482 | D1 | IC3702 | G1 | IC3791 | 13 | IC3885 | J4 | | |

(FOIL SIDE)

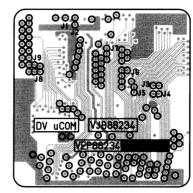


F3: NONTRK P.C. BOARD (VEP83444A)

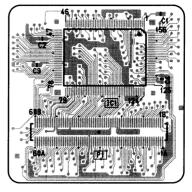
| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IC3161 | B3 | IC3523 | D2 | IC3778 | F1 | IC3881 | D4 | P3001 | G5 | TP3523 | B2 |
| IC3201 | F3 | IC3524 | C1 | IC3784 | F2 | IC3882 | C4 | P3002 | D5 | TP3524 | C2 |
| IC3241 | H3 | IC3525 | D1 | IC3789 | H2 | IC3931 | F4 | P3571 | B1 | TP3539 | C3 |
| IC3281 | A3 | IC3526 | C1 | IC3802 | E4 | IC3932 | G4 | P3741 | 11 | TP3543 | C3 |
| IC3321 | E3 | IC3572 | B3 | IC3804 | F4 | IC3933 | G4 | TG3401 | B2 | TP3544 | C3 |
| IC3361 | G3 | IC3622 | B3 | IC3811 | A4 | IC3934 | G4 | TG3521 | D1 | TP3548 | C2 |
| IC3401 | B2 | IC3642 | 13 | IC3821 | A5 | IC3935 | G4 | TG3741 | G1 | TP3557 | A3 |
| IC3421 | F2 | IC3652 | 13 | IC3822 | B5 | IC3936 | G4 | TP3401 | C2 | TP3558 | C2 |
| IC3441 | H2 | IC3701 | G1 | IC3823 | A4 | IC3937 | G4 | TP3421 | G2 | TP3559 | C2 |
| IC3461 | A2 | IC3771 | F1 | IC3825 | B4 | IC3938 | G4 | TP3441 | 12 | TP3714 | D4 |
| IC3481 | E2 | IC3772 | E1 | IC3841 | G4 | IC3939 | G4 | TP3461 | B2 | TP3715 | G1 |
| IC3501 | G2 | IC3773 | F1 | IC3842 | F4 | IC3971 | 12 | TP3481 | F2 | TP3742 | B3 |
| IC3521 | C3 | IC3774 | F1 | IC3846 | E4 | IC3983 | B4 | TP3501 | H2 | X3881 | C4 |
| IC3522 | D3 | IC3775 | E1 | IC3848 | D4 | IS3524 | C1 | TP3522 | D1 | X3882 | J4 |

(COMPONENT SIDE)

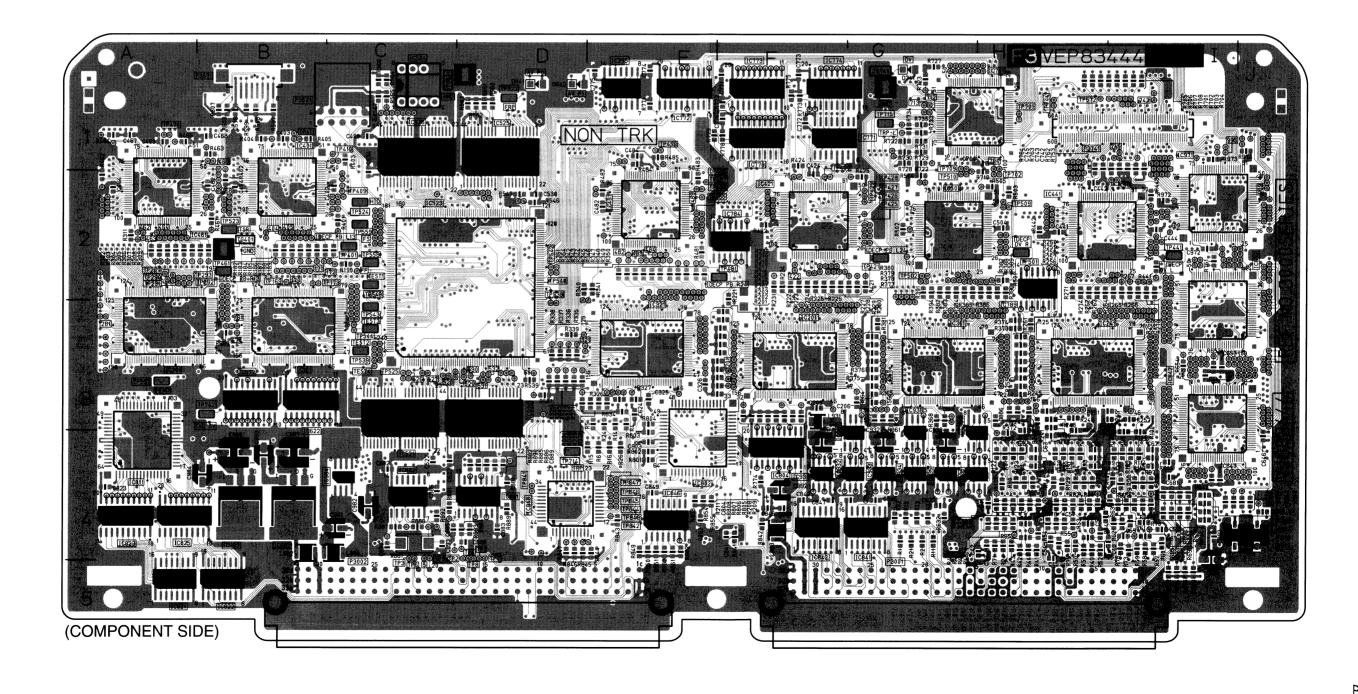
DV UCOM P.C. BOARD (VEP88234M)







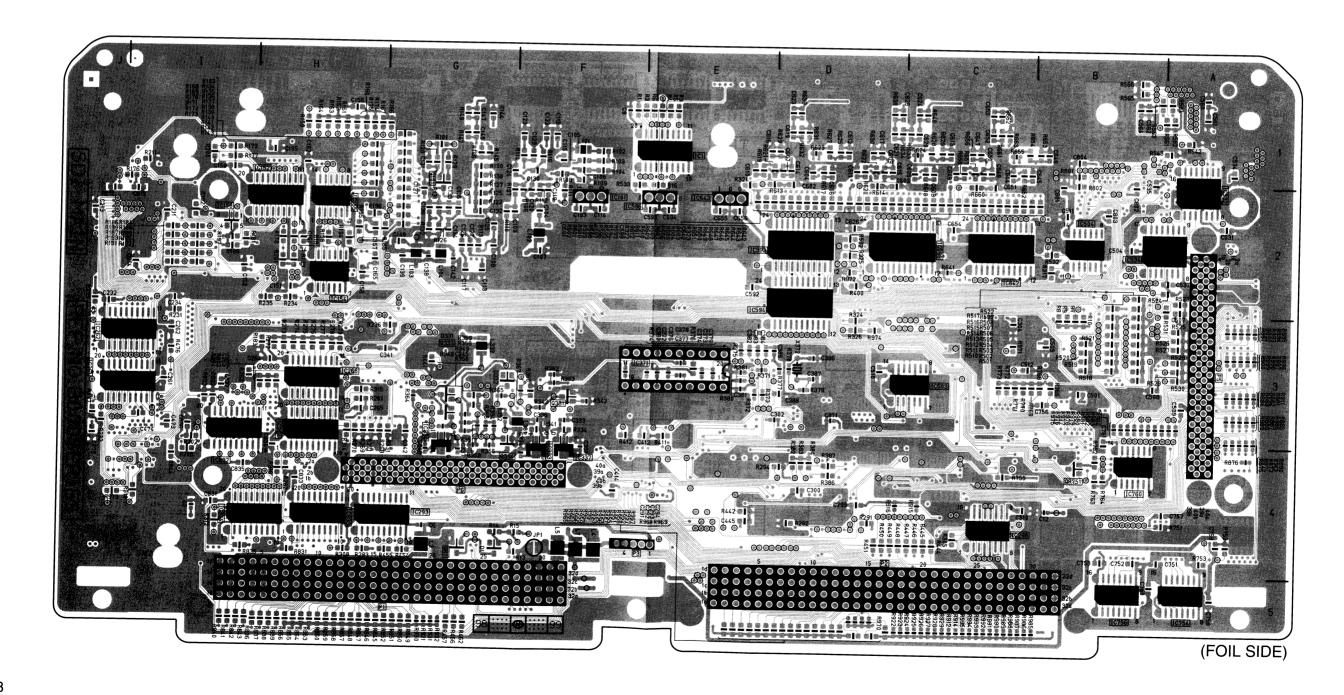
(COMPONENT SIDE)



F4: SDI MAIN P.C. BOARD (VEP83452A)

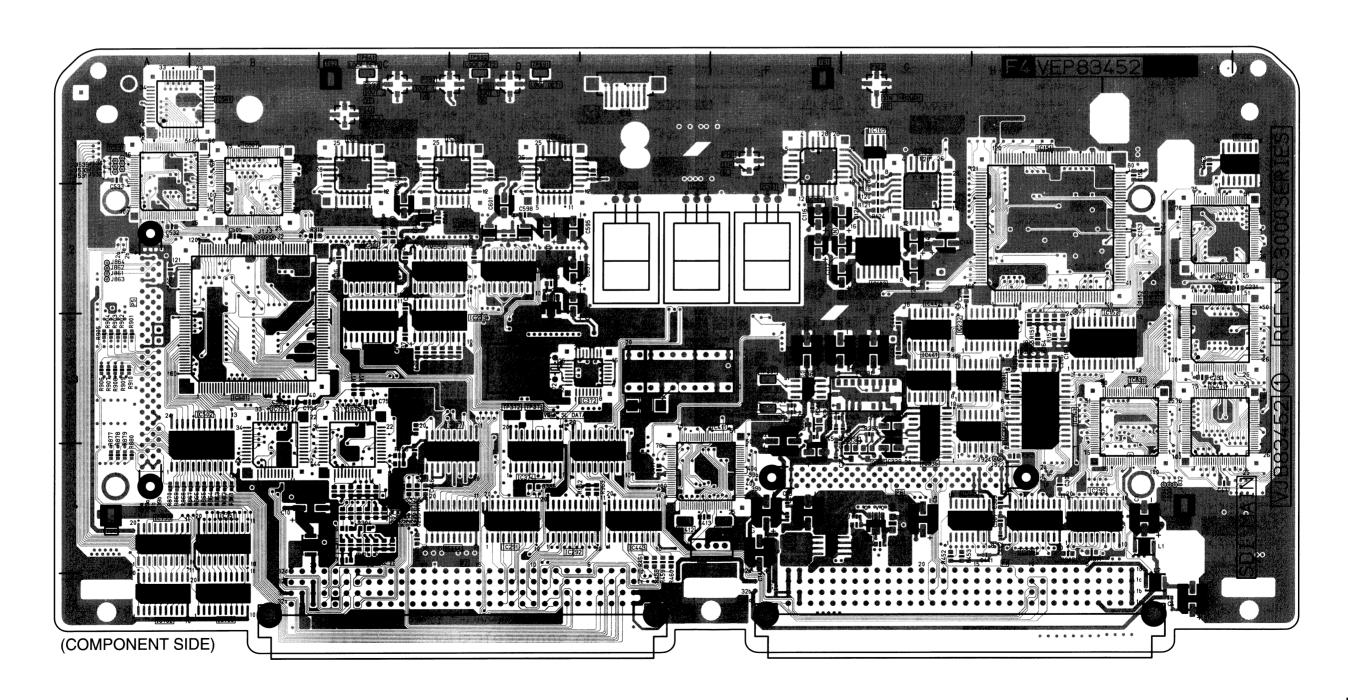
| DEE | 1.00 | T ==== | | | |
|-------|------|--------|-----|-------|-----|
| REF | LOC | REF | LOC | REF | LOC |
| IC294 | E4 | IC641 | C1 | P6 | G4 |
| IC297 | C4 | IC643 | E2 | P591 | D1 |
| IC299 | C3 | IC751 | B4 | P592 | C1 |
| IC300 | C2 | IC752 | A5 | P593 | C1 |
| IC301 | C2 | IC753 | A4 | P641 | C1 |
| IC302 | D2 | IC755 | B5 | TG1 | F1 |
| IC443 | E4 | IC758 | C4 | TG3 | 14 |
| IC501 | B3 | IC759 | B4 | TG4 | A4 |
| IC502 | B4 | IC801 | B2 | TP331 | F3 |
| IC531 | A1 | P1 | H4 | TP371 | D3 |
| IC561 | A1 | P2 | D4 | TP372 | D3 |
| IC591 | D1 | P3 | F4 | TP411 | F3 |
| IC592 | D1 | P4 | E1 | TP412 | E4 |
| IC596 | E2 | P5 | A3 | TP413 | F4 |

(FOIL SIDE)



F4: SDI MAIN P.C. BOARD (VEP83452A)

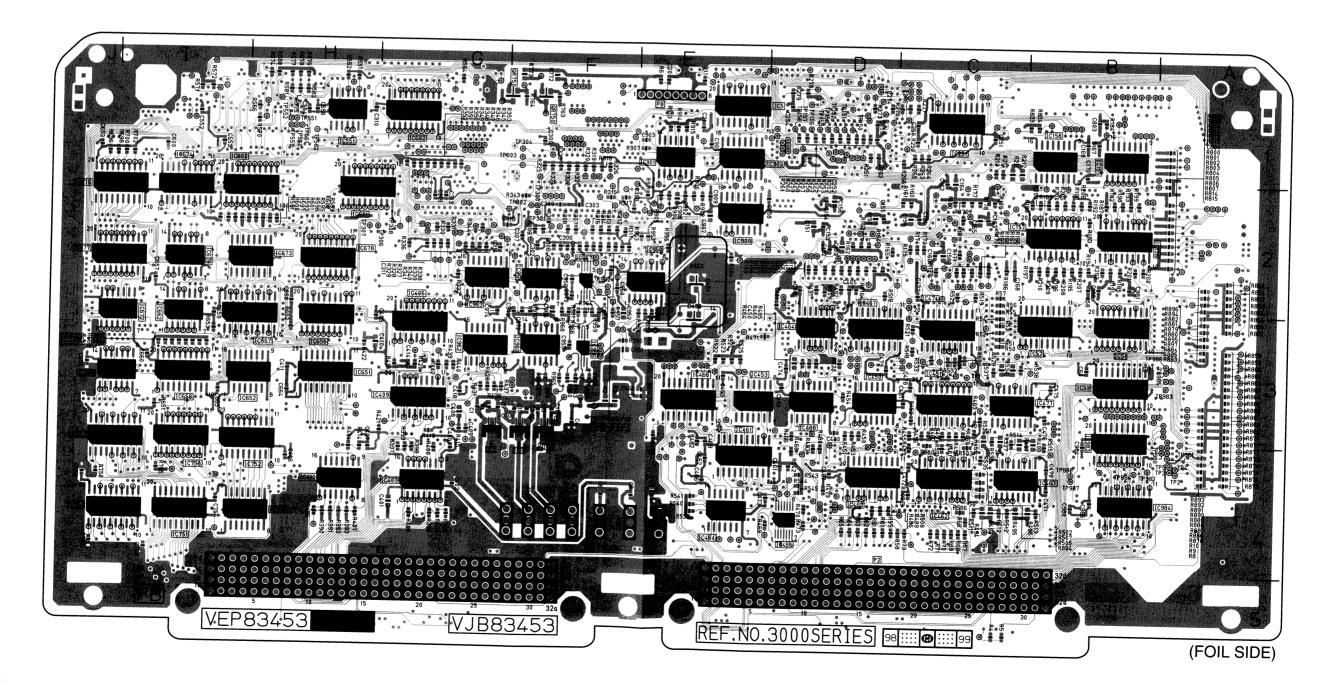
| REF | LOC |
|-------|-----|
| IC1 | E1 |
| IC298 | C4 |
| IC503 | C3 |
| IC532 | A2 |
| IC534 | B2 |
| IC593 | D2 |
| IC594 | D2 |
| IC595 | D2 |
| IC642 | C2 |
| IC754 | A5 |
| IC756 | B5 |
| IC760 | B4 |
| QR751 | B4 |
| | |



F5: PB P.C. BOARD (VEP83453A)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | 1.00 |
|-------|-----|-------|-----|-------|-----|-------|-----|----------|------|
| IC2 | G3 | IC409 | G3 | IC600 | 12 | IC677 | | | LOC |
| IC3 | F3 | IC450 | D3 | IC601 | H2 | | 12 | QR750 | F1 |
| IC4 | F3 | IC451 | C3 | IC602 | | IC678 | H2 | QR751 | F1 |
| IC5 | E1 | | | | G1 | IC679 | 12 | | |
| | | IC453 | E3 | IC651 | H3 | IC750 | 14 | | |
| IC51 | B3 | IC460 | D4 | IC652 | 13 | IC751 | 14 | | |
| IC52 | B3 | IC461 | E4 | IC656 | H3 | IC752 | 14 | | |
| IC53 | B3 | IC462 | C4 | IC657 | 13 | IC753 | 14 | | |
| IC155 | B1 | IC463 | C4 | IC658 | 13 | IC754 | 14 | | |
| IC156 | B2 | IC466 | E3 | IC660 | 13 | IC758 | | | |
| IC157 | B2 | IC467 | D3 | IC662 | | | 14 | | |
| IC158 | B1 | | | | 13 | IC900 | E2 | | |
| | | IC474 | C3 | IC672 | 13 | IC901 | E1 | | |
| IC251 | C1 | IC477 | C3 | IC673 | 12 | IC903 | E1 | | |
| IC403 | G4 | IC488 | D3 | IC674 | 12 | IC983 | B3 | | |
| IC405 | G3 | IC551 | H1 | IC676 | 12 | IC984 | B4 | | |

(FOIL SIDE)

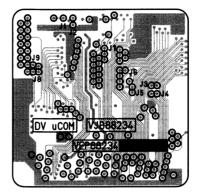


F5: PB P.C. BOARD (VEP83453A)

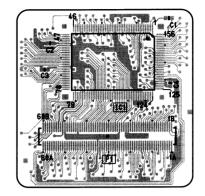
| REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|-------|-----|-------|-----|-------|-----|-------|-----|
| IC1 | F3 | IC404 | G4 | P8 | F1 | TP750 | F1 |
| IC50 | B3 | IC455 | E3 | P550 | 11 | TP751 | F1 |
| IC54 | B3 | IC458 | E4 | P850 | A3 | TP900 | E1 |
| IC55 | C4 | IC666 | 13 | TG50 | B4 | X450 | E2 |
| IC100 | D3 | IC667 | 13 | TG250 | E1 | | |
| IC101 | C3 | IC755 | 14 | TG401 | G2 | | |
| IC150 | D2 | IC756 | 14 | TP154 | E1 | | |
| IC154 | C2 | IC800 | B1 | TP305 | F1 | | |
| IC252 | C1 | IC902 | E1 | TP400 | G4 | | |
| IC253 | D1 | IC980 | B4 | TP450 | E4 | | |
| IC300 | F1 | IC981 | B3 | TP451 | E4 | | |
| IC301 | F2 | IC982 | B4 | TP452 | E4 | | |
| IC302 | G1 | P1 | G5 | TP453 | E3 | | |
| IC303 | G2 | P2 | D5 | TP454 | E3 | | |

(COMPONENT SIDE)

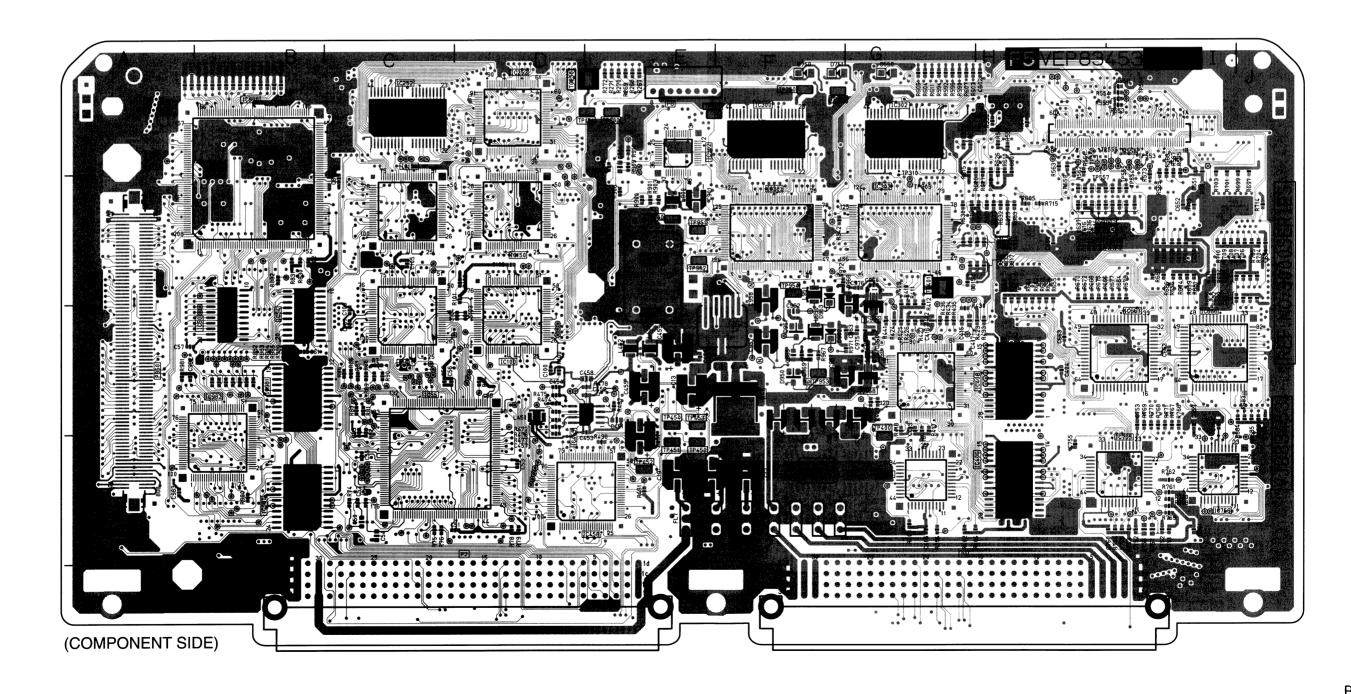
DV UCOM P.C. BOARD (VEP88234L)







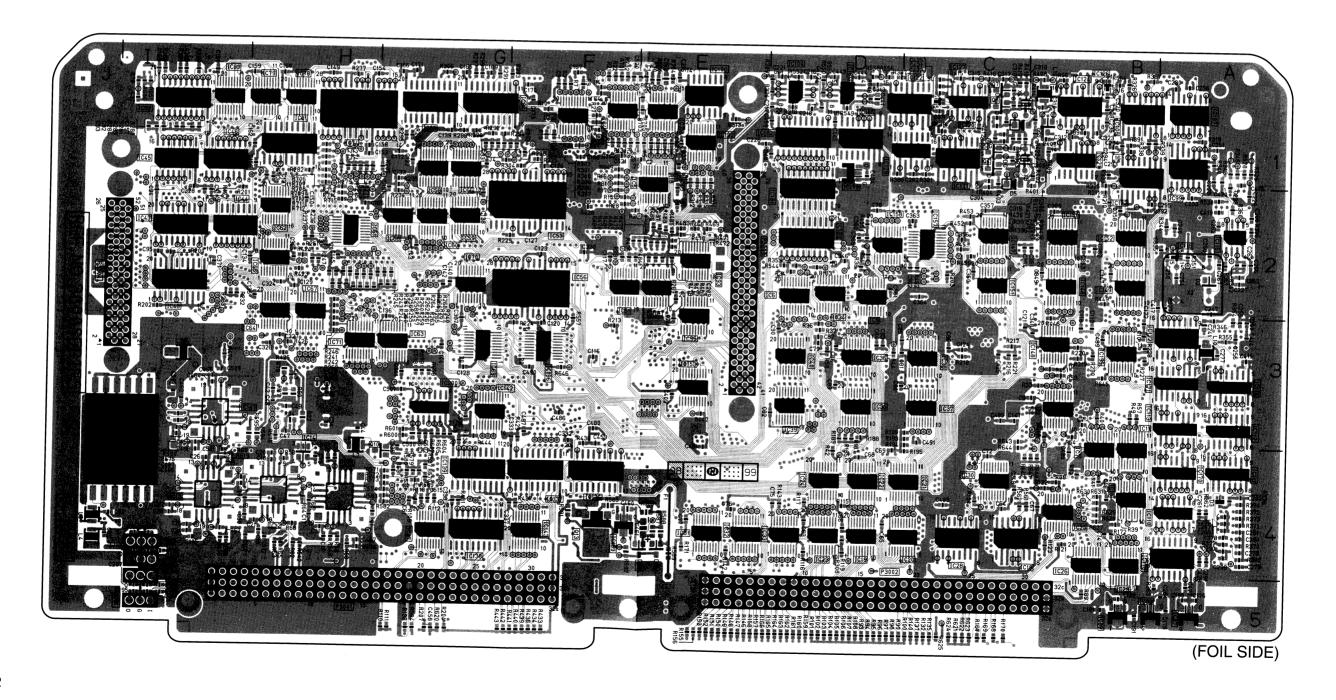
(COMPONENT SIDE)



F6: V OUT P.C. BOARD (VEP83454B)

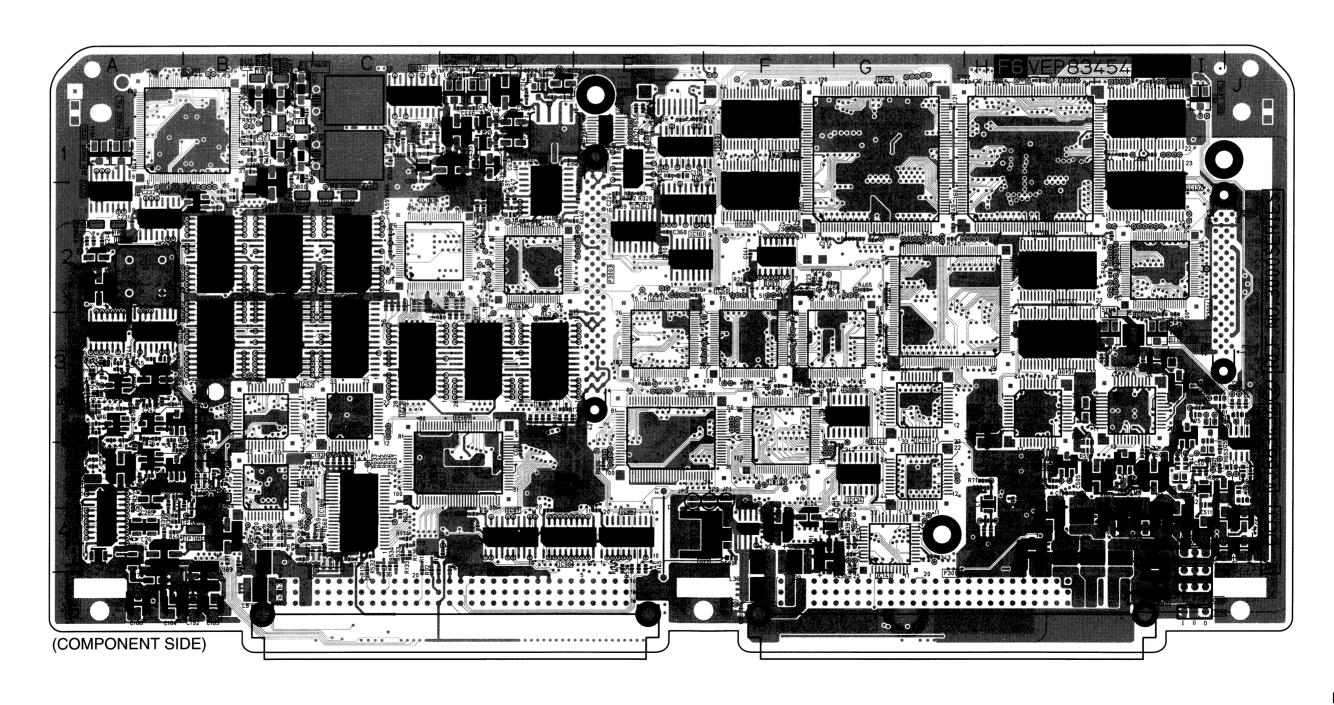
| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | DEE | 1.00 | | | | |
|--------|-------|--------|-----|--------|-----|--------|-----|---------|-----|--------|------|--------|-----|-------|-------------|
| IC3002 | F1 | IC3018 | C4 | IC3035 | D3 | IC3082 | | | | REF | LOC | REF | LOC | REF | LOC |
| IC3003 | E1 | IC3019 | D4 | IC3036 | | | 1 | IC3111 | A4 | IC3137 | F4 | IC3171 | A3 | Q3004 | C1 |
| IC3004 | F1 | | | | D3 | IC3087 | A5 | IC3112 | A3 | IC3138 | G4 | IC3172 | A3 | Q3005 | C1 |
| | _ · · | IC3020 | C4 | IC3037 | C3 | IC3088 | B5 | IC3113 | A3 | IC3139 | G4 | IC3177 | C1 | | |
| IC3005 | E2 | IC3021 | C4 | IC3038 | C3 | IC3089 | B5 | IC3114 | A3 | IC3142 | G3 | | | Q3006 | B1 |
| IC3006 | D2 | IC3022 | D4 | IC3061 | H2 | IC3093 | E2 | IC3116 | 1 | | | IC3178 | A4 | Q3007 | C1 |
| IC3007 | B4 | IC3025 | B4 | IC3063 | G3 | IC3094 | | | A2 | IC3143 | F4 | IC3179 | D1 | Q3008 | C1 |
| IC3008 | B3 | IC3026 | B4 | IC3064 | | | E2 | IC3118 | A2 | IC3146 | B2 | IC3180 | D2 | Q3010 | G4 |
| IC3009 | D2 | | | 1 | H3 | IC3095 | E3 | IC3120 | C1 | IC3148 | B3 | IC3181 | D2 | Q3011 | E4 |
| | | IC3027 | G4 | IC3065 | H2 | IC3099 | A1 | IC3121 | B1 | IC3149 | B2 | IC3182 | D1 | Q3013 | |
| IC3010 | B4 | IC3028 | C4 | IC3071 | H3 | IC3100 | E1 | IC3122 | C1 | IC3150 | B2 | | | Q3013 | F4 |
| IC3011 | B4 | IC3029 | B4 | IC3074 | H1 | IC3102 | E1 | IC3124 | B1 | | | IC3184 | D1 | | |
| IC3012 | H4 | IC3030 | C4 | IC3078 | H1 | IC3104 | | | | IC3152 | B2 | IC3185 | D1 | | |
| IC3013 | 14 | IC3031 | E4 | IC3079 | H1 | | D1 | IC3126 | B1 | IC3153 | E3 | IC3187 | 13 | | |
| IC3014 | H4 | | | | | IC3107 | A1 | IC3127 | C1 | IC3157 | C2 | IC3195 | B3 | | |
| | | IC3032 | E4 | IC3080 | 1 | IC3108 | B1 | IC3129 | C1 | IC3158 | D2 | IC3199 | F4 | + | - |
| IC3015 | H4 | IC3034 | D2 | IC3081 | H1 | IC3110 | A4 | IC3136 | F4 | IC3170 | A4 | | | | |
| a a.== | | | | | | | | 1.55100 | L., | 100170 | A4 | IC3200 | G3 | | 1 |

(FOIL SIDE)



F6: V OUT P.C. BOARD (VEP83454B)

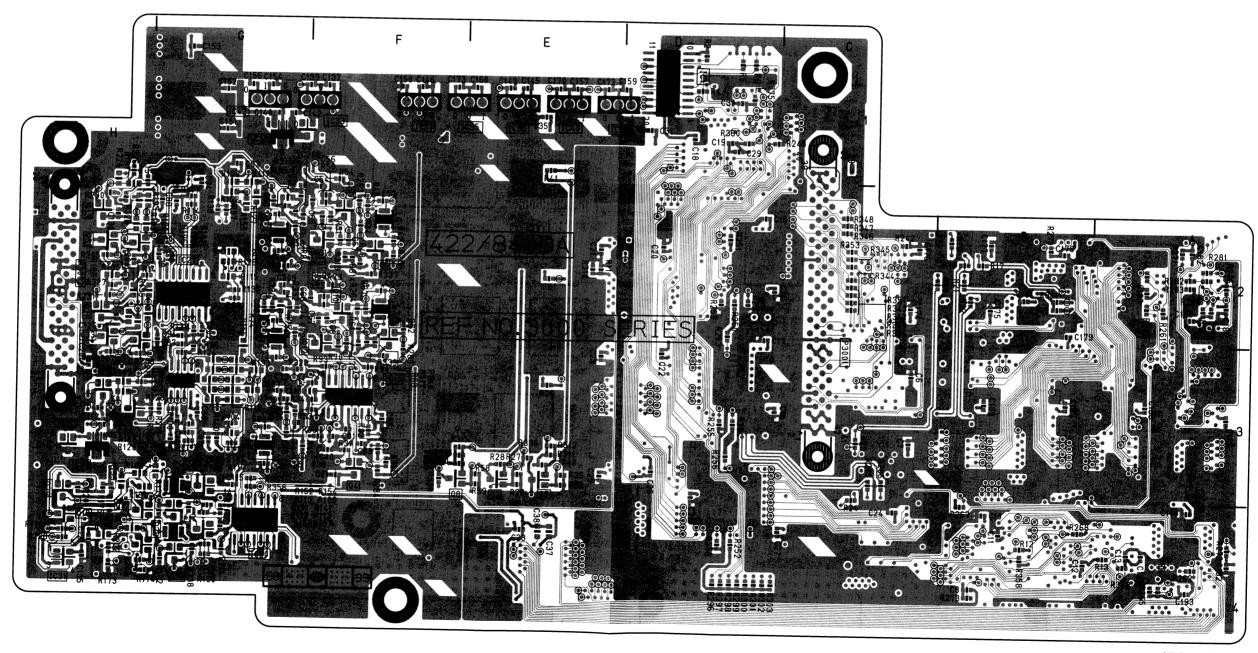
| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IC3001 | E2 | IC3092 | 15 | IC3134 | G4 | IC3174 | A3 | P3002 | D5 | TP3004 | B1 | VR3002 | 11 | VR3025 | 13 |
| IC3016 | J4 | IC3096 | E4 | IC3135 | G3 | IC3175 | A2 | P3003 | E2 | TP3005 | C2 | VR3004 | A1 | X3001 | E1 |
| IC3017 | H3 | IC3098 | E4 | IC3140 | G4 | IC3176 | C1 | P3004 | 12 | TP3006 | C2 | VR3005 | A3 | X3002 | A2 |
| IC3041 | D3 | IC3101 | E1 | IC3141 | G3 | IC3183 | E2 | P3005 | E1 | TP3007 | B4 | VR3006 | A3 | X3003 | C1 |
| IC3042 | C3 | IC3103 | E1 | IC3144 | G4 | IC3186 | 13 | Q3001 | 13 | TP3008 | A4 | VR3007 | A3 | X3004 | C1 |
| IC3049 | E1 | IC3105 | B1 | IC3145 | E2 | IC3189 | C4 | Q3002 | 14 | TP3009 | A4 | VR3011 | A4 | | |
| IC3050 | F3 | IC3106 | A2 | IC3154 | B2 | IC3190 | E3 | Q3003 | 14 | TP3010 | B4 | VR3012 | A4 | | |
| IC3057 | F2 | IC3109 | A4 | IC3156 | B2 | IC3191 | B4 | Q3014 | F4 | TP3011 | B1 | VR3013 | A3 | | |
| IC3072 | G2 | IC3115 | A3 | IC3159 | C2 | IC3192 | C3 | TG3001 | E4 | TP3012 | B1 | VR3014 | A1 | | |
| IC3073 | E3 | IC3117 | A3 | IC3160 | F3 | IC3193 | F3 | TG3002 | B4 | TP3013 | B2 | VR3015 | D1 | | |
| IC3075 | l1 | IC3119 | A3 | IC3161 | E2 | IC3194 | B3 | TG3003 | 13 | TP3015 | A2 | VR3016 | D1 | | |
| IC3076 | H1 | IC3130 | H2 | IC3162 | E2 | IC3197 | D4 | TP3001 | B1 | VC3001 | B1 | VR3019 | 13 | | |
| IC3090 | 14 | IC3131 | H3 | IC3163 | 12 | IC3201 | 14 | TP3002 | B1 | VC3002 | B1 | VR3020 | 14 | | |
| IC3091 | 15 | IC3132 | 12 | IC3173 | A3 | P3001 | G5 | TP3003 | A2 | VR3001 | 13 | VR3021 | H4 | | |



4:2:2 DA SUB P.C. BOARD (VEP83385B)

| REF | LOC | REF | LOC | REF | LOC |
|--------|-----|-------|-----|-------|-----|
| IC3001 | D1 | Q3004 | F3 | Q3029 | H4 |
| IC3015 | F3 | Q3005 | E3 | | |
| IC3030 | G4 | Q3006 | F2 | | |
| IC3031 | H4 | Q3007 | F2 | | |
| IC3033 | B1 | Q3008 | F3 | | |
| IC3034 | D1 | Q3009 | F3 | | |
| IC3036 | D1 | Q3010 | F2 | | |
| IC3038 | G1 | Q3011 | F2 | | |
| IC3039 | H3 | Q3012 | F3 | | |
| IC3040 | D1 | Q3015 | H3 | | |
| IC3042 | B1 | Q3018 | H4 | | |
| P3001 | C2 | Q3022 | G4 | | |
| P3002 | H2 | Q3024 | H3 | | |
| Q3002 | E3 | Q3027 | G4 | | |

(FOIL SIDE)

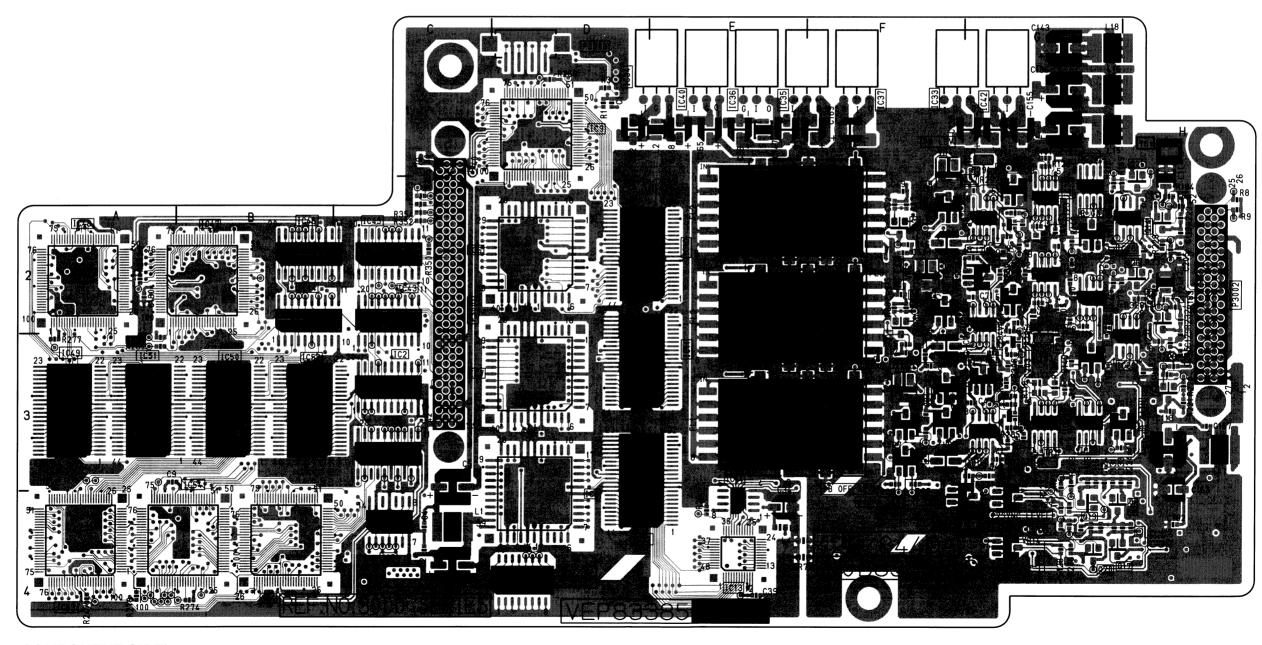


(FOIL SIDE)

4:2:2 DA SUB P.C. BOARD (VEP83385B)

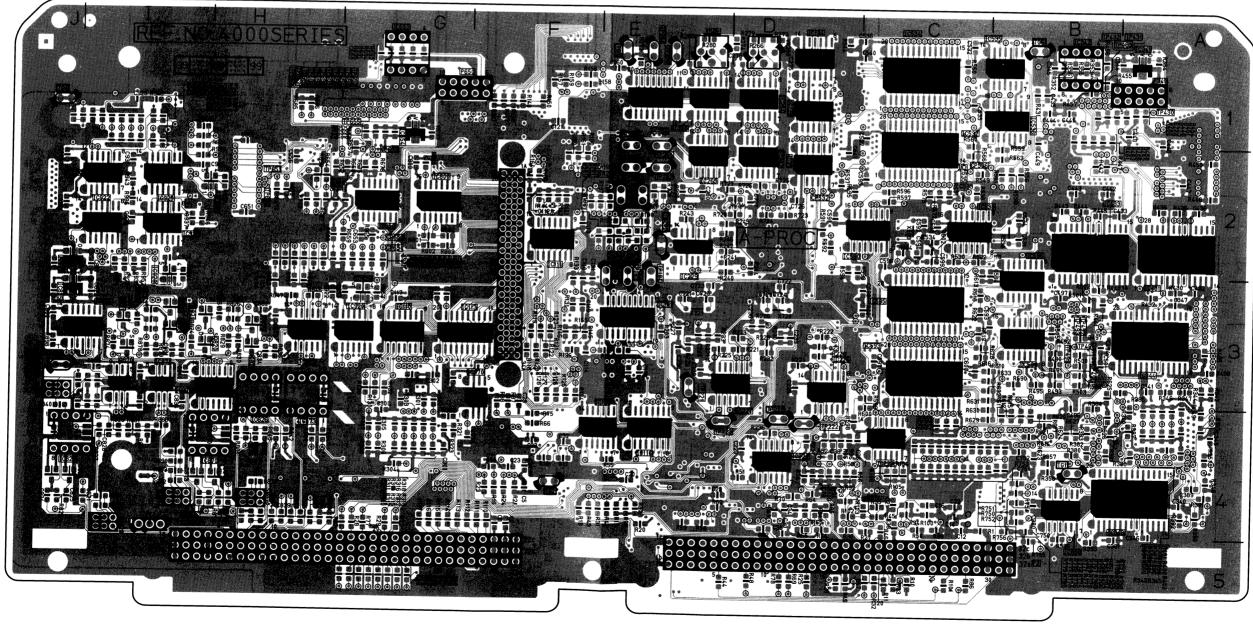
| REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|
| IC3002 | C3 | IC3017 | G2 | TP3002 | G1 |
| IC3003 | C3 | IC3018 | G2 | TP3003 | G3 |
| IC3004 | B4 | IC3054 | B4 | VR3001 | F3 |
| IC3005 | C4 | P3003 | C1 | VR3002 | F3 |
| IC3006 | D2 | Q3016 | G4 | VR3003 | F2 |
| IC3007 | D3 | Q3019 | G4 | VR3004 | F1 |
| IC3008 | D4 | Q3025 | H1 | VR3005 | F2 |
| IC3009 | D1 | Q3026 | H2 | VR3006 | F2 |
| IC3010 | D2 | Q3034 | H3 | VR3007 | F3 |
| IC3011 | D3 | Q3038 | G3 | VR3008 | F3 |
| IC3012 | D3 | SW3001 | C4 | VR3009 | F3 |
| IC3013 | E4 | TG3001 | H1 | VR3013 | G4 |
| IC3014 | E4 | TG3002 | F4 | VR3016 | G2 |
| IC3016 | G3 | TP3001 | G3 | VR3017 | G2 |

(COMPONENT SIDE)



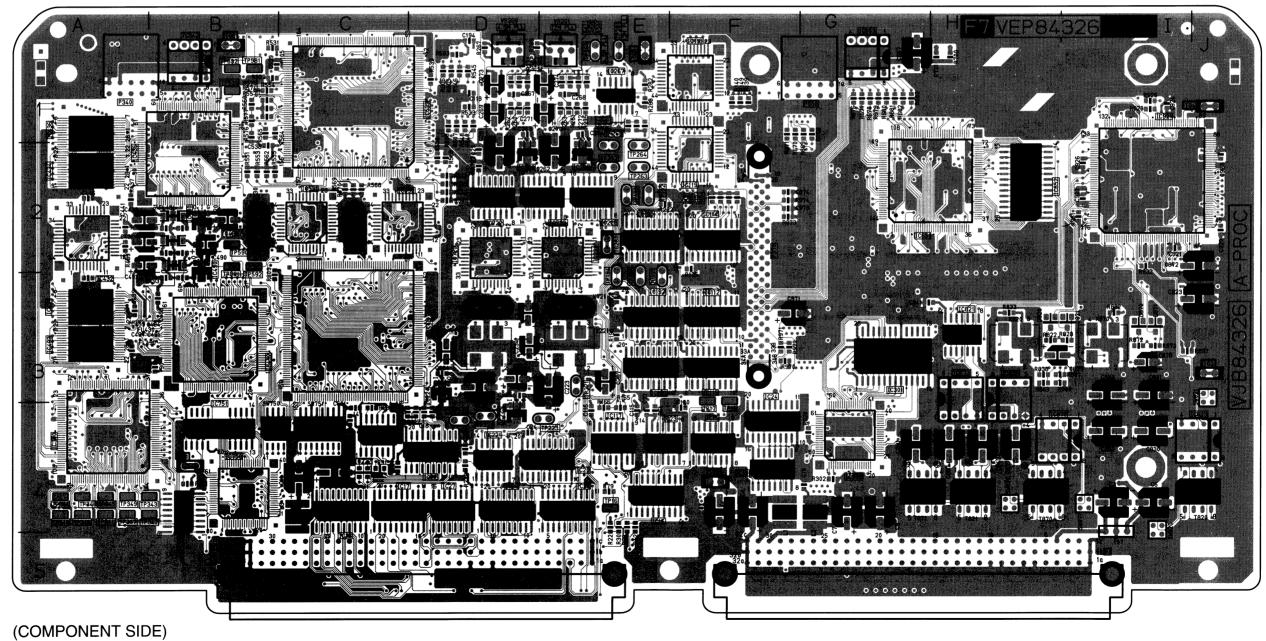
F7: A PROC P.C. BOARD (VEP84326C)

| REF | LOC | REF | LOC | REF | LOC |
|-------|-----|-------|-----|-------|-----|
| IC21 | D2 | IC343 | A4 | IC920 | G3 |
| IC110 | G3 | IC344 | A3 | IC970 | F3 |
| IC111 | F2 | IC530 | C2 | | |
| IC113 | G3 | IC534 | C1 | | |
| IC116 | E4 | IC535 | B1 | | |
| IC120 | D1 | IC536 | B1 | | |
| IC121 | F4 | IC590 | C2 | | |
| IC191 | E3 | IC591 | B3 | | |
| IC194 | D1 | IC595 | C3 | | |
| IC220 | D4 | IC596 | B2 | | |
| IC226 | D3 | IC654 | G1 | | |
| IC227 | E3 | IC820 | H3 | | |
| IC229 | E2 | IC822 | H3 | | |
| IC341 | A1 | IC874 | 13 | | |



F7: A PROC P.C. BOARD (VEP84326C)

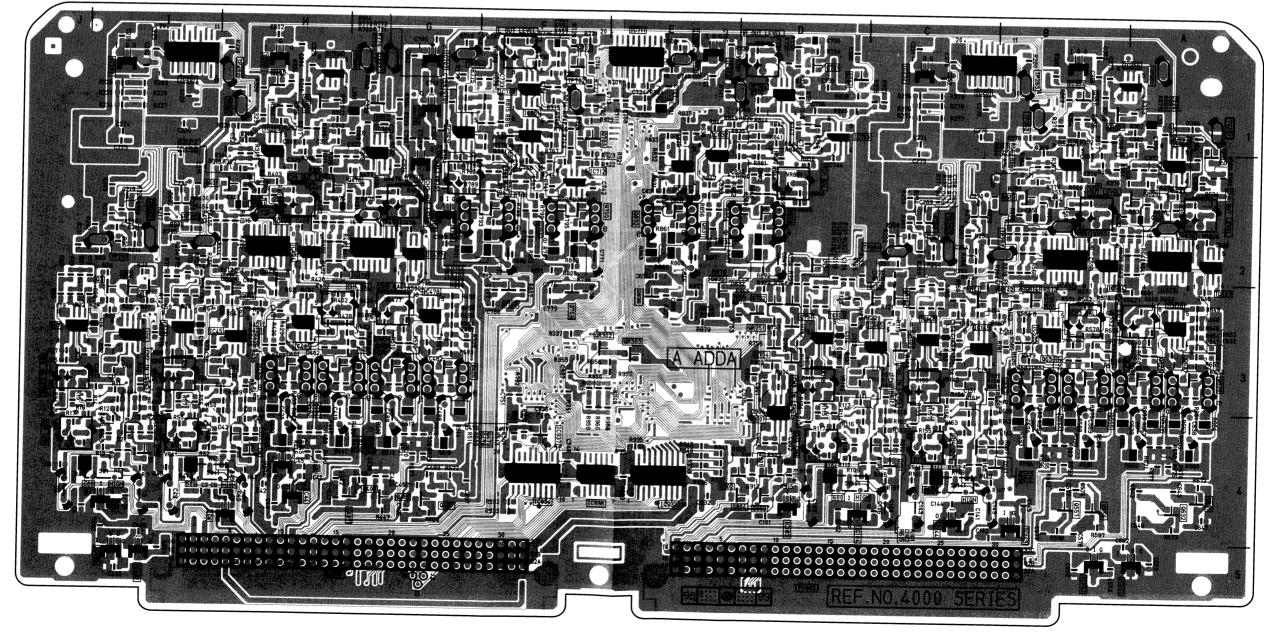
| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| IC15 | F4 | IC117 | E4 | IC436 | A1 | IC873 | H4 | TG260 | E2 | TP345 | A4 |
| IC16 | F4 | IC118 | F1 | IC490 | B2 | IC921 | 12 | TP190 | E2 | TP346 | A4 |
| IC17 | C4 | IC119 | F2 | IC491 | A3 | IS342 | B1 | TP191 | F2 | TP347 | A4 |
| IC18 | C4 | IC190 | E2 | IC492 | B3 | IS653 | G1 | TP193 | E2 | TP348 | A4 |
| IC19 | F4 | IC192 | E3 | IC493 | A3 | P1 | G5 | TP194 | E2 | TP349 | A4 |
| IC20 | E4 | IC193 | E3 | IC531 | C2 | P2 | D5 | TP220 | D4 | X220 | D3 |
| IC22 | D4 | IC221 | D4 | IC533 | C1 | T821 | H4 | TP221 | E3 | X221 | E3 |
| IC23 | F4 | IC224 | D3 | IC592 | C2 | T871 | G4 | TP222 | D4 | X530 | B2 |
| IC25 | E4 | IC225 | D4 | IC594 | C3 | TG1 | B4 | TP223 | E4 | X590 | C2 |
| IC26 | D4 | IC340 | A4 | IC651 | H2 | TG2 | F4 | TP340 | A4 | | |
| IC27 | D4 | IC342 | B1 | IC652 | H2 | TG3 | J3 | TP341 | A4 | | |
| IC112 | F3 | IC430 | B2 | IC653 | G1 | TG4 | J1 | TP342 | A4 | | |
| IC114 | F2 | IC434 | A2 | IC821 | H3 | TG5 | E1 | TP343 | A4 | | |
| IC115 | F3 | IC435 | B2 | IC826 | H4 | TG6 | B1 | TP344 | A4 | | |



F8: A ADDA P.C. BOARD (VEP84301C)

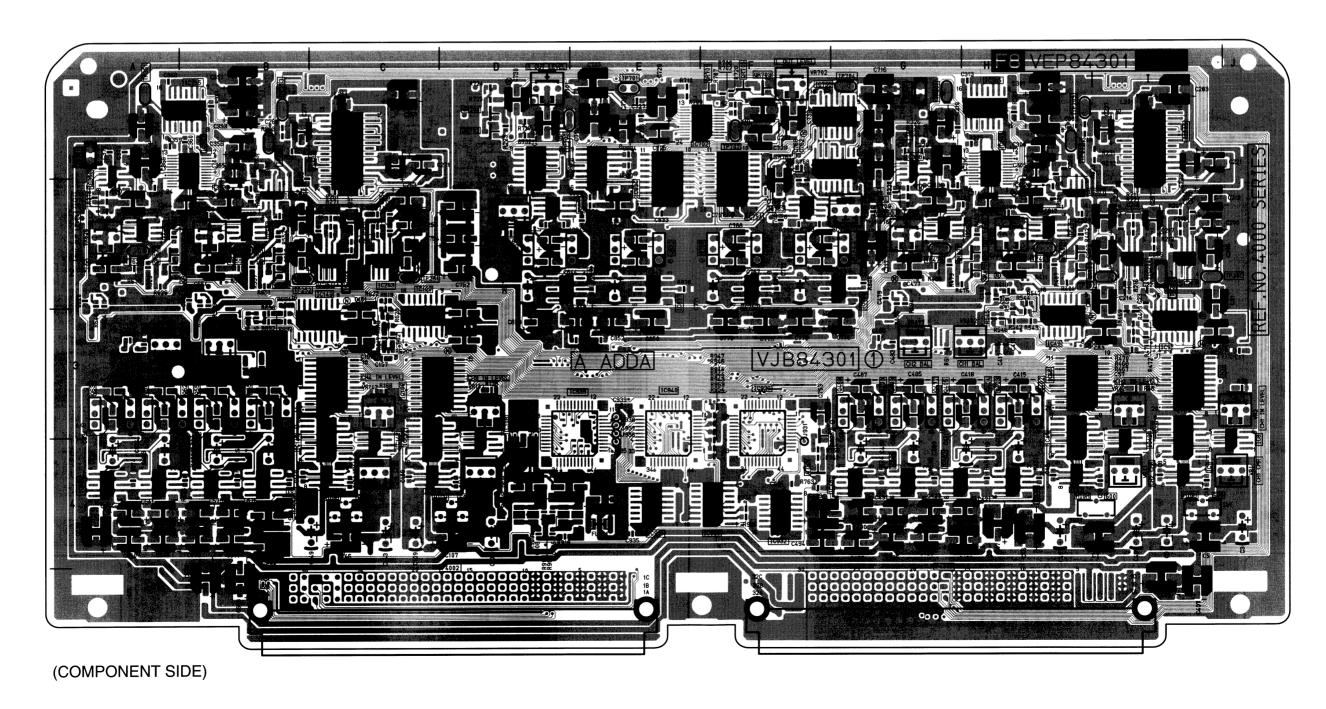
| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | DEE | | | |
|--------|-----|--------|-----|--------|-----|--------|-----|-------|-----|-------|-----|--------------|-----|
| IC4003 | 14 | IC4304 | G2 | IC4552 | B5 | IC4710 | | | - | REF | LOC | REF | LOC |
| IC4004 | H4 | IC4306 | | | | | G2 | Q4302 | G1 | Q4632 | A4 | Q4903 | D4 |
| | | | H1 | IC4553 | A5 | IC4711 | E1 | Q4351 | B1 | Q4701 | D1 | Q4904 | D4 |
| IC4043 | H4 | IC4351 | B1 | IC4554 | B2 | IC4712 | F2 | Q4352 | A2 | Q4702 | F1 | QR4301 | |
| IC4044 | H4 | IC4353 | B2 | IC4555 | B3 | IC4713 | D1 | Q4401 | H2 | _ | | | H1 |
| IC4103 | D4 | IC4354 | A2 | IC4556 | B2 | IC4751 | F1 | | | Q4703 | F1 | QR4302 | F3 |
| IC4104 | D4 | IC4356 | B1 | | | | 1 | Q4406 | G4 | Q4704 | D1 | QR4303 | E3 |
| | | | | IC4627 | A2 | IC4752 | G1 | Q4407 | G4 | Q4751 | D3 | QR4351 | B1 |
| IC4143 | B4 | IC4402 | 15 | IC4628 | A3 | IC4831 | E2 | Q4476 | H2 | Q4752 | D3 | QR4751 | D3 |
| IC4144 | C4 | IC4403 | 15 | IC4629 | A2 | IC4832 | E2 | Q4481 | G4 | Q4754 | | Q114/31 | טט |
| IC4201 | 1 | IC4404 | H2 | IC4701 | E1 | IC4901 | D4 | | | | D3 | | |
| IC4202 | 11 | IC4405 | НЗ | IC4703 | F1 | | | Q4482 | G4 | Q4759 | F3 | | |
| IC4251 | C1 | | | | | IC4933 | E4 | Q4551 | B2 | Q4760 | F3 | | |
| | | IC4406 | H2 | IC4704 | D1 | IC4934 | F4 | Q4556 | B4 | Q4835 | E3 | | |
| IC4252 | C1 | IC4477 | G2 | IC4707 | G1 | IC4936 | F4 | Q4557 | B4 | Q4836 | E3 | | |
| IC4301 | H1 | IC4478 | G3 | IC4708 | G1 | IC4937 | F4 | Q4626 | | | | | |
| IC4303 | H2 | IC4479 | G2 | IC4709 | | | | | B2 | Q4901 | D4 | | |
| | | 104473 | UZ | 104709 | G2 | Q4301 | H1 | Q4631 | A4 | Q4902 | D4 | | |

(FOIL SIDE)



F8: A ADDA P.C. BOARD (VEP84301C)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IC4302 | H1 | IC4551 | B2 | IC4834 | E2 | Q4403 | H3 | Q4630 | A3 | QR4551 | B2 | TP4351 | A1 | VR4551 | B2 |
| IC4305 | H1 | IC4557 | B4 | IC4835 | E1 | Q4404 | H3 | Q4753 | F4 | QR4552 | B2 | TP4352 | B1 | VR4552 | B3 |
| IC4307 | 12 | IC4558 | B4 | IC4836 | D1 | Q4405 | G3 | Q4755 | F2 | QR4626 | A2 | TP4401 | H2 | VR4626 | A2 |
| IC4308 | G1 | IC4626 | A2 | IC4837 | E2 | Q4477 | G3 | Q4756 | F2 | QR4627 | A2 | TP4476 | G2 | VR4627 | A3 |
| IC4352 | B1 | IC4630 | A4 | IC4838 | D2 | Q4478 | G3 | Q4757 | F2 | QR4701 | F1 | TP4551 | B2 | VR4701 | D1 |
| IC4355 | A1 | IC4631 | A4 | IC4931 | E4 | Q4479 | G3 | Q4758 | G2 | QR4702 | D1 | TP4626 | A2 | VR4702 | F1 |
| IC4357 | B2 | IC4702 | F1 | IC4932 | F4 | Q4480 | G3 | Q4831 | E2 | QR4703 | F1 | TP4701 | E1 | VR4751 | G2 |
| IC4358 | A1 | IC4753 | F2 | IC4935 | F4 | Q4552 | B3 | Q4832 | E2 | QR4704 | D1 | TP4702 | F1 | VR4831 | D2 |
| IC4401 | H2 | IC4754 | F2 | IC4938 | F3 | Q4553 | B3 | Q4833 | D2 | QR4705 | F1 | TP4703 | D1 | | |
| IC4407 | G4 | IC4755 | G1 | IC4939 | E3 | Q4554 | B3 | Q4834 | E2 | QR4752 | F3 | TP4704 | G1 | | |
| IC4408 | H4 | IC4756 | G1 | IC4940 | E3 | Q4555 | B3 | QR4401 | 12 | TG4301 | G1 | VR4401 | H2 | | |
| IC4476 | G2 | IC4757 | F2 | P4001 | G5 | Q4627 | A3 | QR4402 | 12 | TG4351 | A1 | VR4402 | G3 | | |
| IC4480 | G4 | IC4758 | G2 | P4002 | D5 | Q4628 | A3 | QR4476 | H2 | TP4301 | G1 | VR4476 | G2 | | |
| IC4481 | G4 | IC4833 | D2 | Q4402 | H3 | Q4629 | A3 | QR4477 | H2 | TP4302 | 11 | VR4477 | G3 | | |



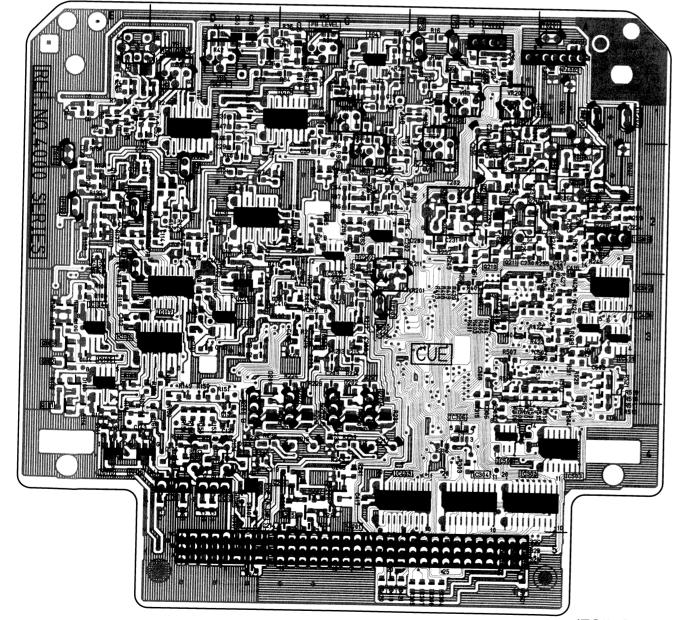
H1: CUE P.C. BOARD (VEP84302B)

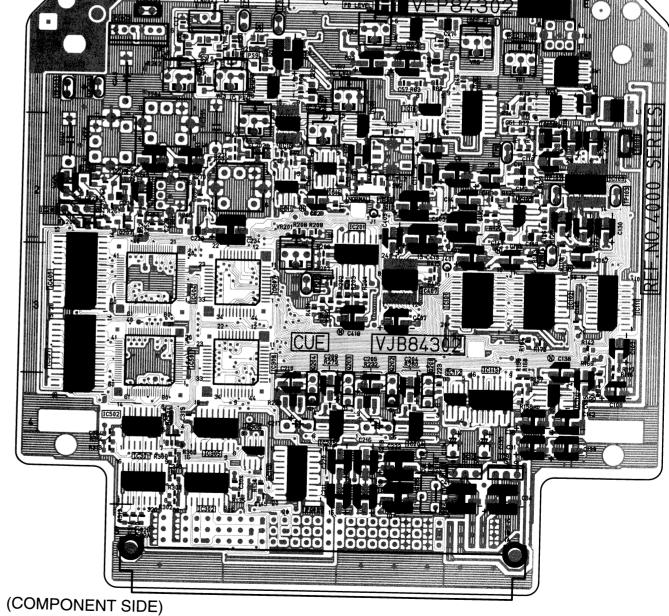
| REF | LOC | REF | LOC |
|--------|-----|--------|-----|
| IC4003 | D2 | IC4401 | A3 |
| IC4004 | C1 | IC4402 | A3 |
| IC4013 | C1 | IC4403 | B4 |
| IC4103 | D3 | IC4406 | D3 |
| IC4106 | D3 | IC4408 | A3 |
| IC4115 | E4 | Q4003 | B1 |
| IC4116 | D4 | Q4205 | C4 |
| IC4117 | D3 | Q4206 | C4 |
| IC4202 | C2 | QR4201 | C4 |
| IC4203 | C3 | | |
| IC4207 | C2 | | |
| IC4303 | A4 | | |
| IC4304 | B4 | | |
| IC4306 | B4 | | |
| | | | |

(FOIL SIDE)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|--------|-----|
| IC4005 | C1 | IC4201 | C2 | Q4002 | B1 | | |
| IC4006 | D1 | IC4204 | D4 | | | VR4003 | B1 |
| | | | | Q4201 | D4 | VR4005 | D1 |
| IC4008 | C2 | IC4205 | C4 | Q4202 | C4 | VR4006 | C2 |
| IC4009 | D4 | IC4301 | B4 | Q4203 | C4 | | |
| IC4010 | D4 | IC4302 | B4 | Q4204 | C4 | | |
| IC4011 | C2 | IC4305 | B4 | QR4001 | B1 | | |
| IC4012 | B1 | IC4307 | B3 | SW4002 | C2 | | |
| IC4014 | D1 | IC4308 | B3 | TG4101 | E2 | | |
| IC4015 | C1 | IC4404 | B3 | TP4001 | D2 | | |
| IC4101 | D3 | IC4405 | A3 | TP4101 | E2 | | |
| IC4108 | E2 | IC4407 | C3 | TP4102 | E2 | | |
| IC4109 | E2 | P4001 | C5 | TP4103 | E2 | | |
| IC4110 | C4 | P4002 | B1 | TP4201 | C3 | | |
| IC4111 | E3 | Q4001 | B1 | VR4002 | C1 | | |

(COMPONENT SIDE)





(FOIL SIDE)

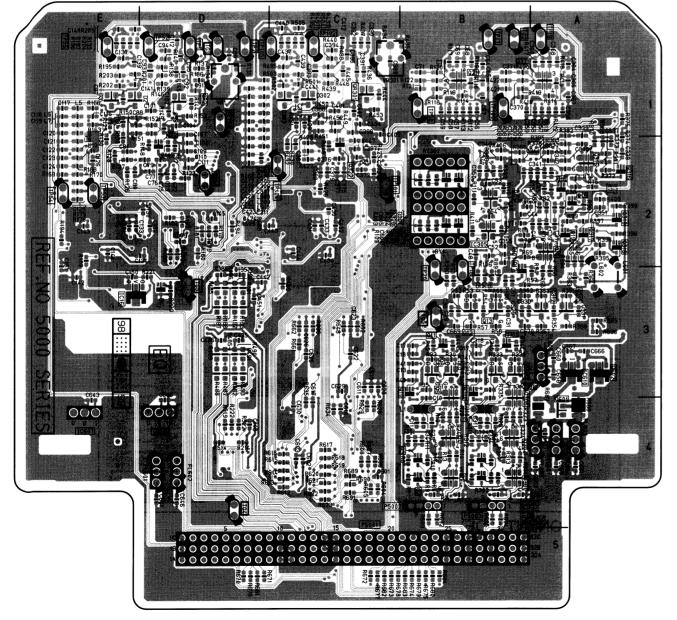
H2/H3/H4: EQ P.C. BOARD (VEP85177A)

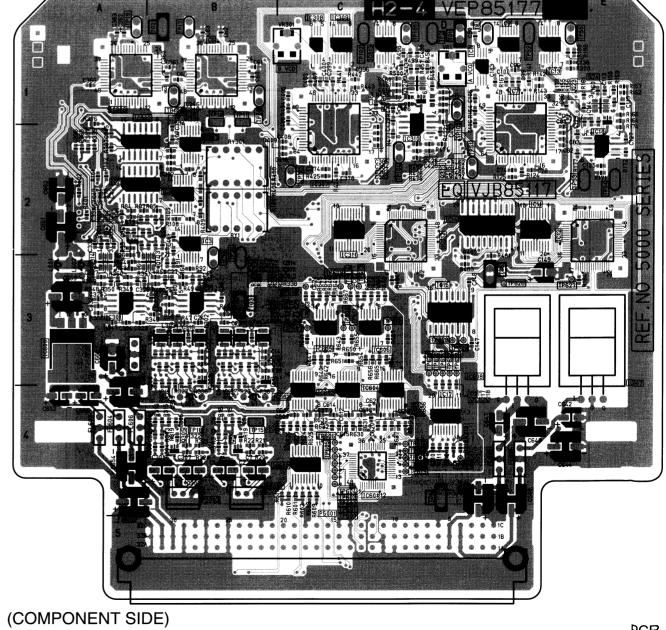
| REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|-------|-----|-------|-----|-------|-----|
| IC5005 | B2 | Q5013 | B3 | Q5307 | B3 | Q5601 | A4 |
| IC5016 | E3 | Q5015 | B2 | Q5308 | B3 | Q5602 | A3 |
| IC5305 | B2 | Q5016 | A2 | Q5310 | B4 | | |
| IC5610 | A3 | Q5017 | B3 | Q5311 | B3 | | |
| Q5001 | B4 | Q5018 | A2 | Q5312 | B3 | | |
| Q5002 | B4 | Q5019 | A2 | Q5313 | A3 | | |
| Q5003 | B4 | Q5020 | B2 | Q5315 | A2 | | |
| Q5004 | B4 | Q5021 | B1 | Q5316 | A2 | | |
| Q5006 | B4 | Q5022 | D2 | Q5317 | A2 | | |
| Q5007 | B3 | Q5301 | B4 | Q5318 | A2 | | |
| Q5008 | B3 | Q5302 | B4 | Q5319 | A2 | | |
| Q5010 | B4 | Q5303 | B4 | Q5320 | B2 | | |
| Q5011 | B3 | Q5304 | B4 | Q5321 | B1 | | |
| Q5012 | B3 | Q5306 | B4 | Q5322 | C2 | | |

(FOIL SIDE)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IC5001 | B3 | IC5017 | D4 | IC5602 | C4 | Q5023 | E1 | TP5001 | D1 | TP5054 | E2 |
| IC5002 | A2 | IC5301 | A3 | IC5603 | C4 | Q5024 | E1 | TP5002 | D1 | TP5055 | E1 |
| IC5003 | B2 | IC5302 | A2 | IC5604 | C4 | Q5305 | B4 | TP5010 | B1 | TP5100 | B1 |
| IC5004 | B2 | IC5303 | B2 | IC5605 | C3 | Q5309 | B3 | TP5011 | B1 | TP5101 | C2 |
| IC5006 | B1 | IC5306 | A1 | IC5606 | C3 | Q5314 | A3 | TP5015 | B4 | TP5102 | C1 |
| IC5007 | D2 | IC5307 | C2 | IC5607 | E4 | Q5323 | D1 | TP5016 | B4 | TP5103 | D1 |
| IC5008 | D1 | IC5308 | C1 | IC5608 | D4 | Q5324 | D1 | TP5017 | B1 | TP5104 | C2 |
| IC5009 | D1 | IC5309 | C1 | IC5609 | A3 | RY5001 | B2 | TP5018 | B3 | TP5105 | C1 |
| IC5010 | E2 | IC5310 | D2 | P5001 | C5 | RY5301 | B2 | TP5019 | A1 | VR5001 | D1 |
| IC5011 | D2 | IC5311 | C2 | P5002 | B4 | TG5001 | D1 | TP5020 | B3 | VR5301 | C1 |
| IC5012 | E2 | IC5312 | C2 | P5003 | B4 | TG5002 | B1 | TP5050 | B1 | | |
| IC5013 | E1 | IC5313 | C1 | Q5005 | B4 | TG5003 | B3 | TP5051 | D2 | | |
| IC5014 | D2 | IC5600 | C4. | Q5009 | B3 | TG5004 | D4 | TP5052 | D1 | | |
| IC5015 | D3 | IC5601 | C4 | Q5014 | B3 | TG5005 | D3 | TP5053 | E2 | | |

(COMPONENT SIDE)





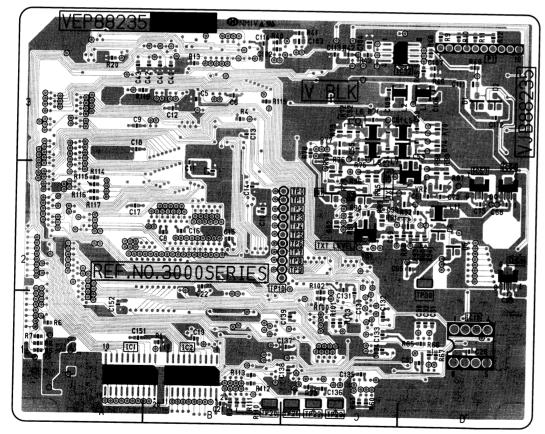
(FOIL SIDE) (C

PCB-21

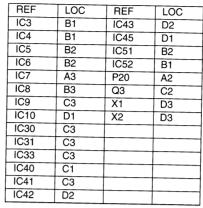
V BLK P.C. BOARD (VEP88235A)

| REF | LOC | REF | LOC |
|------|-----|-----|-----|
| IC1 | A1 | VR2 | D2 |
| IC2 | B1 | | |
| IC32 | D3 | | |
| IC55 | D2 | | |
| IC56 | D2 | | |
| IC57 | D2 | | |
| Q1 | C2 | | |
| Q2 | C2 | | |
| TP20 | B1 | | |
| TP21 | C1 | | |
| TP22 | C1 | | |
| TP23 | C1 | | |
| TP30 | D2 | | |
| VR1 | C2 | | |

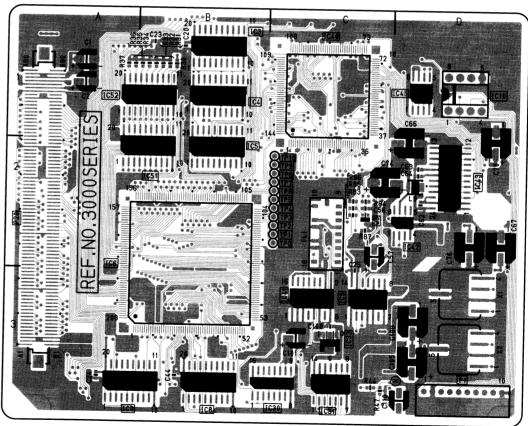
(FOIL SIDE)



(FOIL SIDE)



(COMPONENT SIDE)



(COMPONENT SIDE)

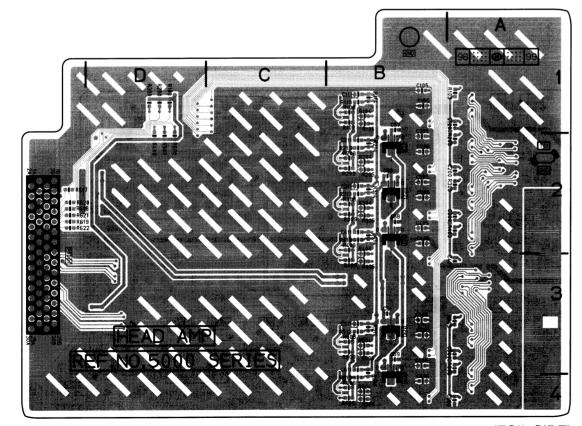
HEAD AMP P.C. BOARD (VEP85174A)

| REF | LOC | REF | LOC |
|--------|-----|--------|-----|
| TG5001 | A2 | Q5301 | B2 |
| P5003 | A2 | Q5400 | B2 |
| P5002 | A3 | Q5401 | B2 |
| IC5100 | B1 | Q5500 | B3 |
| IC5200 | B2 | Q5501 | B3 |
| IC5300 | B2 | Q5600 | B4 |
| IC5400 | B2 | Q5601 | B4 |
| IC5500 | B3 | IC5010 | D1 |
| IC5600 | B4 | P5001 | E2 |
| Q5100 | B1 | | |
| Q5101 | B1 | | |
| Q5200 | B2 | | |
| Q5201 | B2 | | |
| Q5300 | B2 | | |

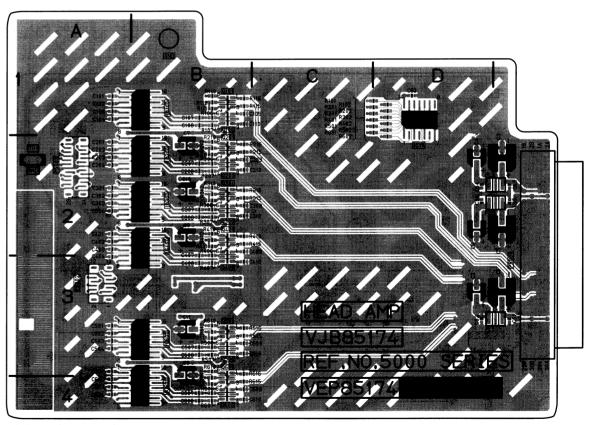
(FOIL SIDE)

| LOC |
|-----|
| B2 |
| B2 |
| B4 |
| B2 |
| B3 |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

(COMPONENT SIDE)



(FOIL SIDE)



(COMPONENT SIDE)

POWER 1 P.C. BOARD (VEP81183A)

| REF | LOC |
|-----|-----|
| Q1 | B3 |
| Q2 | B4 |
| Q4 | C4 |
| Q5 | C5 |
| IC1 | B4 |
| IC2 | B5 |
| IC3 | C3 |
| VR2 | B5 |
| P1 | A3 |
| P2 | A2 |
| P3 | A2 |
| P4 | C4 |
| | |
| | |

(FOIL SIDE)

JAPAN ONLY

⚠ 警告



AC100 V の加わっている活電部 (充電部、活電部) に直接触れないでください。

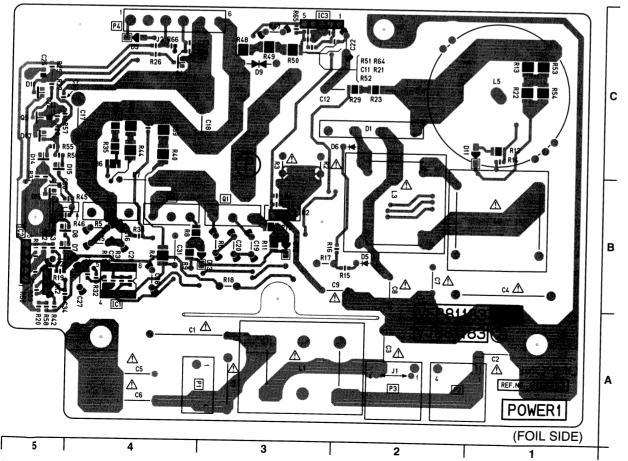
感電注意 + 感電ややけどの可能性 があります。

▲ 警告

⚠ 印の部品は安全上重要な部品です。

交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

- ② 内は充電部です。 AC 100V が加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。
- ③ 部品交換時には、電源プラグをぬいてから行ってください。
- | ④ 一次側(充電部)の電圧・波形は、一次側アースを基準に測定してください。
- ⑤ 部品品番は、部品価格表で確認の上交換ください。



POWER 2 P.C. BOARD (VEP81184A)

| DEE | 1100 | | |
|------|------|-----|-----|
| REF | LOC | REF | LOC |
| Q11 | D4 | P11 | A4 |
| Q12 | D2 | P12 | A4 |
| Q13 | C2 | P13 | A3 |
| Q14 | C5 | P14 | A1 |
| Q15 | C5 | P15 | D3 |
| Q20 | C2 | | |
| IC1 | C5 | | |
| IC2 | C5 | | |
| IC11 | B6 | | |
| IC12 | C2 | | |
| IC13 | A1 | | |
| IC14 | A5 | | |
| VR1 | D5 | | |
| VR2 | D5 | | |
| | | | |

(FOIL SIDE)

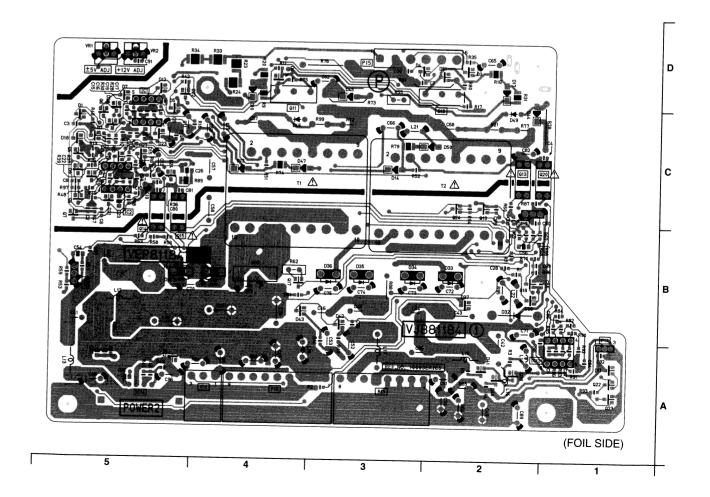
CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK A HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.



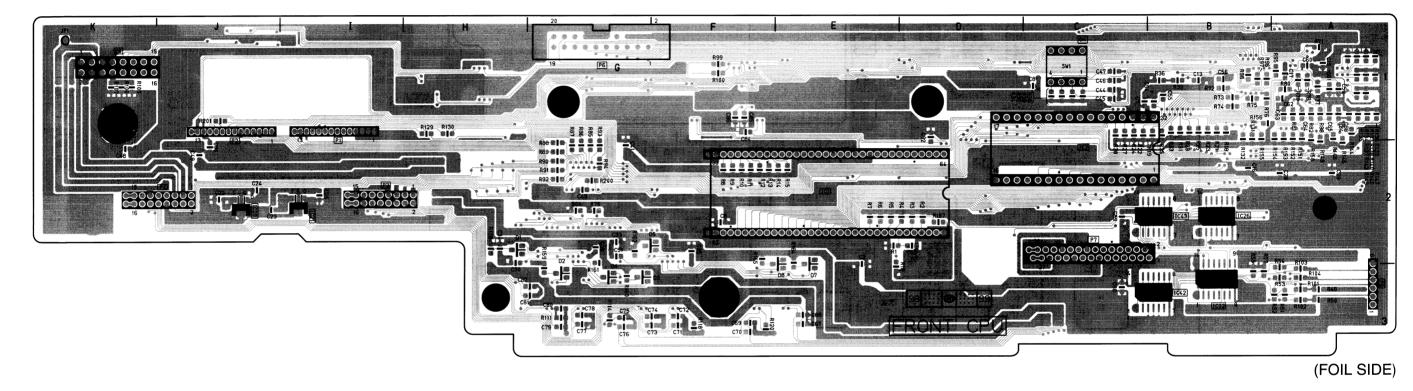
FRONT CPU P.C. BOARD (VEP86285B)

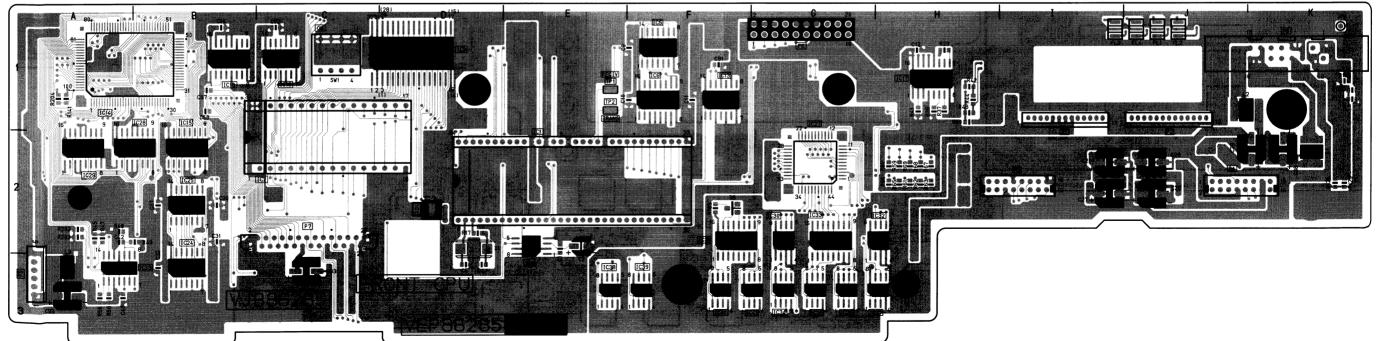
| REF | LOC |
|------|-----|
| IC20 | J2 |
| IC21 | 12 |
| IC22 | B3 |
| IC26 | B2 |
| IC42 | B3 |
| IC43 | B2 |
| | |
| | |
| | |
| | |

(FOIL SIDE)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|------|-----|------|-----|------|-----|-----|-----|
| IC1 | D2 | IC17 | H1 | IC32 | H2 | P1 | 11 |
| IC2 | B2 | IC18 | B1 | IC33 | G2 | P2 | J1 |
| IC3 | D1 | IC23 | A3 | IC34 | G3 | P3 | H2 |
| IC4 | E2 | IC24 | B3 | IC35 | G3 | P4 | K2 |
| IC5 | F1 | IC25 | B2 | IC36 | G3 | P5 | K1 |
| IC6 | F1 | IC27 | G2 | IC37 | H3 | P6 | E1 |
| IC13 | F1 | IC28 | B2 | IC38 | E3 | P7 | C2 |
| IC14 | A1 | IC29 | A2 | IC39 | F3 | P8 | A3 |
| IC15 | B2 | IC30 | G2 | IC40 | F3 | SW1 | C1 |
| IC16 | C1 | IC31 | F2 | IC41 | G3 | X1 | D3 |

(COMPONENT SIDE)





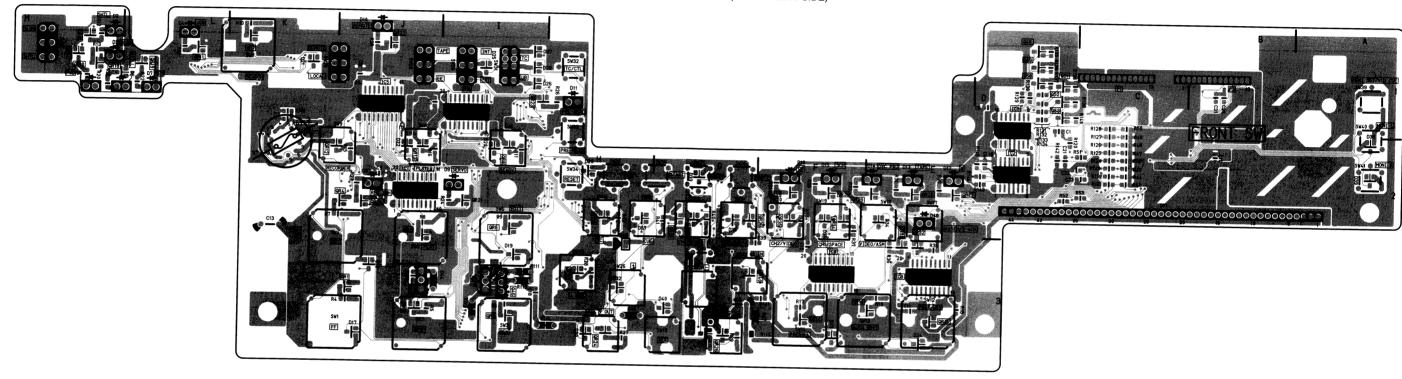
FRONT SW P.C. BOARD (VEP80A49C)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC | REF | 1.00 | 555 | | | |
|-----|-----|-----|----------|------|-----|------|-----|------|------|------|-----|------|-----|
| IC2 | D2 | Q49 | D1 | | | | | | LOC | REF | LOC | REF | LOC |
| | | | | QR4 | J2 | QR12 | K2 | QR20 | J2 | QR28 | E2 | QR36 | G2 |
| IC3 | D1 | Q50 | D1 | QR5 | J3 | QR13 | J2 | QR21 | 12 | QR29 | E2 | | |
| IC5 | J1 | Q51 | D1 | QR6 | 12 | QR14 | F3 | | 12 | + | | QR37 | G2 |
| IC6 | 11 | Q52 | D1 | | | | | QR22 | J1 | QR30 | F2 | QR38 | G2 |
| | 11 | | <u> </u> | QR7 | K1 | QR15 | E3 | QR23 | 1 | QR31 | F2 | QR39 | H2 |
| IC7 | J2 | Q53 | D1 | QR8 | 12 | QR16 | E3 | QR24 | НЗ | QR32 | E3 | | |
| IC8 | E3 | QR1 | J3 | QR9 | M1 | QR17 | M1 | | | | | QR40 | G3 |
| IC9 | F3 | QR2 | | | | | | QR25 | H3 | QR33 | E3 | | |
| | | | J3 | QR10 | M1 | QR18 | M1 | QR26 | G3 | QR34 | F2 | | |
| Q48 | D1 | QR3 | 13 | QR11 | L1 | QR19 | 11 | QR27 | F2 | OR35 | E2 | | |

| HEF | LOC | I REF | LOC | REF | LOC | REF | 1.00 | DEE | | | | | |
|------|-----|-------|-----|------|-----|------|------|-------|------|-------|-----|------|-----|
| IC1 | D2 | | | | | | LOC | REF | LOC | REF | LOC | REF | LOC |
| | | SW2 | J3 | SW10 | J2 | SW18 | E2 | SW26 | H3 | SW34 | H2 | SW42 | |
| IC11 | B2 | SW3 | 13 | SW11 | F3 | SW19 | F2 | | | | | | G3 |
| P1 | C1 | SW4 | | | | | | SW27 | M1 | SW35 | H2 | SW43 | Н3 |
| | | | J3 | SW12 | E3 | SW20 | F2 | SW28 | J1 | SW36 | G2 | | |
| P2 | C1 | SW5 | J3 | SW13 | E3 | SW21 | G2 | SW29 | | | | | |
| Q45 | J3 | SW6 | 13 | SW14 | | | | | J1 | SW37 | G2 | | |
| | | | | | H3 | SW22 | G2 | SW30 | 1 | SW38 | G2 | | |
| Q46 | 13 | SW7 | K1 | SW15 | G3 | SW23 | H2 | SW31 | I1 | SW39 | | | |
| Q47 | 13 | SW8 | 12 | SW16 | G3 | | | | | | A1 | | |
| SW1 | | | | | | SW24 | H2 | SW32 | H1 | SW40 | A2 | | |
| SWI | J3 | SW9 | J2 | SW17 | E2 | SW25 | G3 | SW33 | H2 | SW41 | 40 | | |
| | | | | | | | | 1 000 | 1 12 | 37741 | A2 | 1 | |

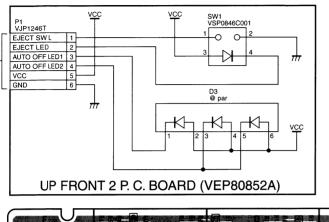
(FOIL SIDE)

(COMPONENT SIDE)

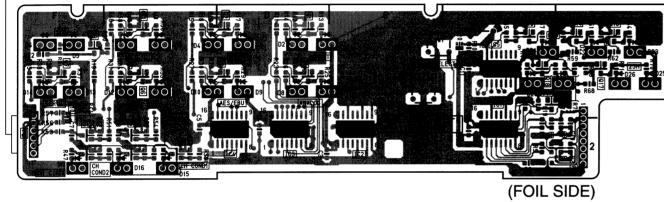


(FOIL SIDE) ----(COMPONENT SIDE)

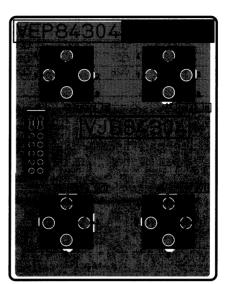
UP FRONT 1 P.C. BOARD (VEP80A52B)



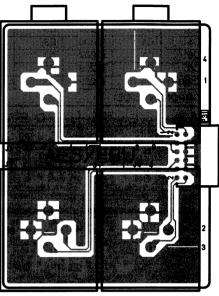
| REF | LOC | REF | LOC | REF | LOC |
|-----|-----|-----|-----|-----|-----|
| IC1 | B2 | Q3 | F1 | Q11 | E1 |
| IC2 | D2 | Q4 | D1 | Q12 | F2 |
| IC3 | D2 | Q5 | E1 | Q13 | F2 |
| IC4 | E2 | Q6 | E1 | Q14 | B1 |
| IC5 | B1 | Q7 | F1 | Q15 | A1 |
| IC6 | C1 | Q8 | E2 | Q16 | B1 |
| Q1 | D1 | Q9 | F2 | Q17 | A1 |
| Q2 | E1 | Q10 | F2 | Q18 | B1 |



AES/EBU P.C. BOARD (VEP84304B)

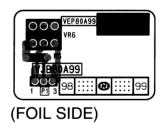




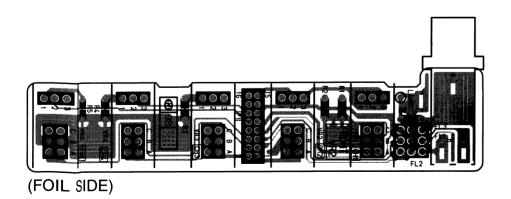


(COMPONENT SIDE)

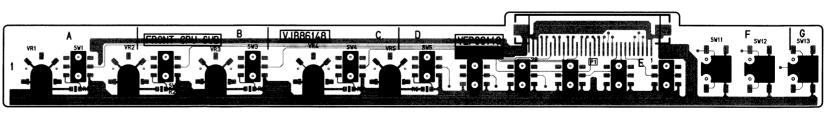
FRONT VR1 P.C. BOARD (VEP80A99A)



FRONT VR2 P.C. BOARD (VEP80B00A)



FRONT CPU SUB P.C. BOARD (VEP86148D)

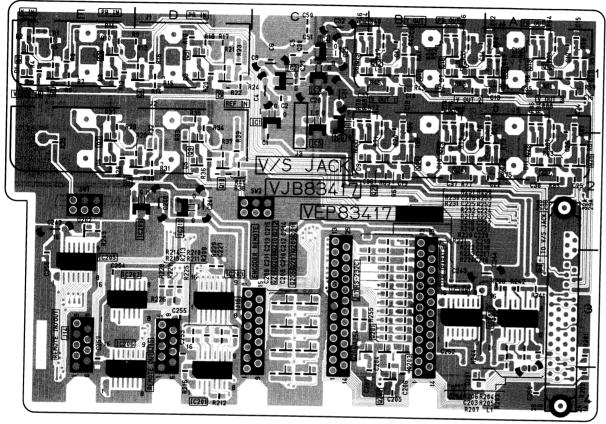


(COMPONENT SIDE)

V/S JACK P.C. BOARD (VEP83417B)

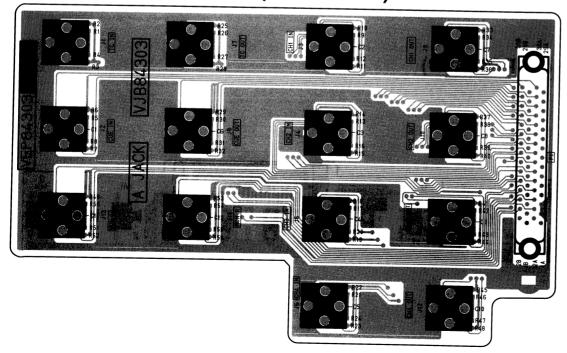
| REF | LOC | REF | LOC | REF | LOC | REF | LOC | DEE | 1.00 | | | | |
|-------|-----|--------|-----|-------|-----|-----|-----|-----|------|------|-----|------|-----|
| IC1 | C1 | IC202 | | | | | | REF | LOC | REF | LOC | REF | LOC |
| | Ci | | E3 | IC210 | D2 | Q15 | B1 | Q22 | C2 | Q201 | B3 | Q208 | C3 |
| IC2 | C1 | IC203 | D3 | Q9 | D2 | Q16 | B1 | Q23 | | | + | | |
| IC3 | C1 | IC205 | E3 | 010 | | | | | A2 | Q202 | B4 | Q209 | C3 |
| | | | | Q10 | D2 | Q17 | A1 | Q24 | B2 | Q203 | B4 | Q210 | C3 |
| IC4 | C1 | IC206 | E3 | Q11 | B1 | Q18 | A1 | Q25 | B2 | Q204 | + | | |
| IC5 | C1 | IC207 | A3 | Q12 | B1 | | | | | | B3 | Q211 | C2 |
| IC6 | | | | | | Q19 | A1 | Q26 | A2 | Q205 | C3 | Q212 | C2 |
| | C1 | IC208 | B3 | Q13 | C1 | Q20 | B2 | Q27 | A2 | Q206 | C3 | + | + |
| IC201 | D4 | IC209 | D2 | Q14 | A1 | Q21 | | | _ | | 103 | | |
| | | 1.0200 | | Q14 | ^! | QZI | B2 | Q28 | A2 | Q207 | C3 | | |

(COMPONENT SIDE)



(FOIL SIDE)

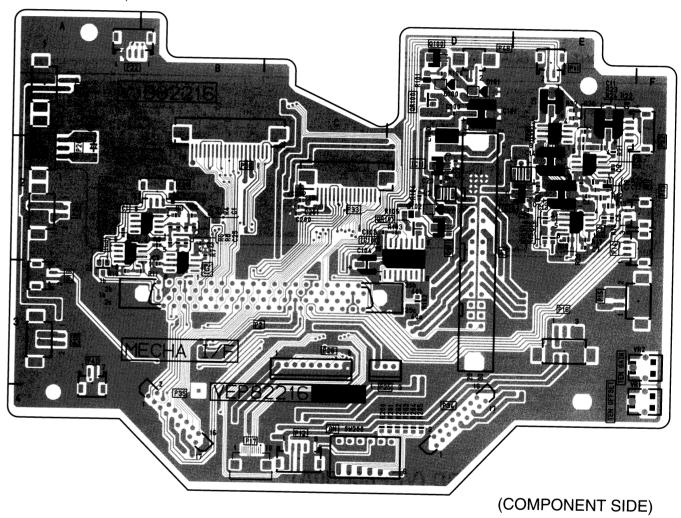
AUDIO JACK P.C. BOARD (VEP84303C)



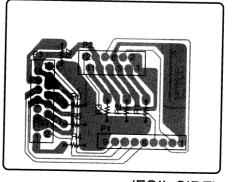
MECHA I/F P.C. BOARD (VEP82216B)

| REF | LOC | REF | LOC | REF | LOC | REF | LOC |
|-------|-----|-----|-----|-----|-----|-------|-----|
| IC1 | A2 | P11 | E1 | P22 | A1 | P48 | D1 |
| IC2 | B3 | P12 | C4 | P24 | A2 | Q1 | F2 |
| IC3 | A2 | P13 | F2 | P25 | D3 | Q100 | D1 |
| IC4 | E2 | P14 | E2 | P26 | C3 | Q101 | D2 |
| IC5 | F2 | P15 | E3 | P30 | B2 | QR100 | D1 |
| IC6 | E1 | P16 | E3 | P32 | F1 | QR101 | D2 |
| IC10 | E2 | P17 | B4 | P33 | C2 | VR1 | F3 |
| IC11 | D2 | P18 | A3 | P34 | D4 | VR2 | F3 |
| IC100 | C2 | P19 | A3 | P35 | B4 | VIIZ | 5 |
| P1 | D2 | P20 | A2 | P36 | B2 | | |
| P2 | В3 | P21 | A1 | P41 | A3 | | |

(COMPONENT SIDE)



CARRIGE P.C. BOARD (VEP80856A)



(FOIL SIDE)

EXPLODED VIEWS REPLACEMENT PARTS LISTS

Note:

- *Be sure to make your orders of replacement parts according to this list.
- 2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μ F), P= $\mu\mu$ F.
- 3. The P.C. Board untils marked with "■" shown below the main assembled parts.
- 4. The parts marked with non the exploded view show the electric parts.
- 5. IMPORTANT SAFETY NOTICE

Components identified with the mark \triangle have the special characteristics for safety. When replacing any of these components, use only the same type.

6. The marking (RTL) indicates the retention time is limited for this item.

After the diacontinuation of this assembly in production, it will no longer be available.

<< Abbreviations for part >>

< NAME >

< DESCRIPTIONS >

C. CAPACITOR

: CERAMIC CAPACITOR

C. CAPACITOR

CH: CERAMIC CHIP CAPACITOR

E. CAPACITOR

: ELECTROLYTIC CAPACITOR

G. CAPACITOR

: GLASS CAPACITOR

M. CAPACITOR

: MICA CAPACITOR

P. CAPACITOR

: PLASTIC FILM CAPACITOR

S. CAPACITOR

: SEMI-CONDUCTOR CAPACITOR

T. CAPACITOR

: TANTALUM CAPACITOR

TRIMMER

:TRIMMER

C.RESISTOR

: CARBON RESISTOR : FUSE RESISTOR

F.RESISTOR M.RESISTOR

: METAL OXSIDE RESISTOR

M.RESISTOR

CH: METAL OXSIDE CHIP RESISTOR

S.RESISTOR

: SOLID RESISTOR

V.RESISTOR

: VARIABLE RESISTOR

W.RESISTOR

: WIRE WOUND RESISTOR

COMBI. TR-R

: TRANSISTOR-RESISTOR COMBINATION PARTS

COMBI. R-R COMBI. C-R : RESISTOR-RESISTOR COMBINATION PARTS : CAPACITOR-RESISTOR COMBINATION PARTS

COMBI. C-R-R

: CAPACITOR-RESISTOR-COIL COMBINATION PARTS

P.C.-BOARD

: PRINTED CIRCUIT BOARD

W/COMPONENT

: WITH COMPONENT

CONTENTS

| Mechanical Replacement Parts Rist & Exploded Views · · · · · · PRT-1 |
|--|
| Mechanical Chassis Assembly(1) · · · · · PRT-1 |
| Mechanical Chassis Assembly(2) · · · · PRT-3 |
| Sub Chassis Assembly · · · · · PRT-5 |
| Rear Panel Assembly · · · · · PRT-7 |
| Cassette Compartment Assembly PRT-9 |
| Chassis Frame Assembly · · · · · PRT-1 |
| Front Panel Assembly·····PRT-1: |
| Casing Parts Assembly · · · · PRT-1: |
| Packing Parts Assembly · · · · · PRT-1 |
| Electrical Replacement Parts List · · · · · PRT-18 |

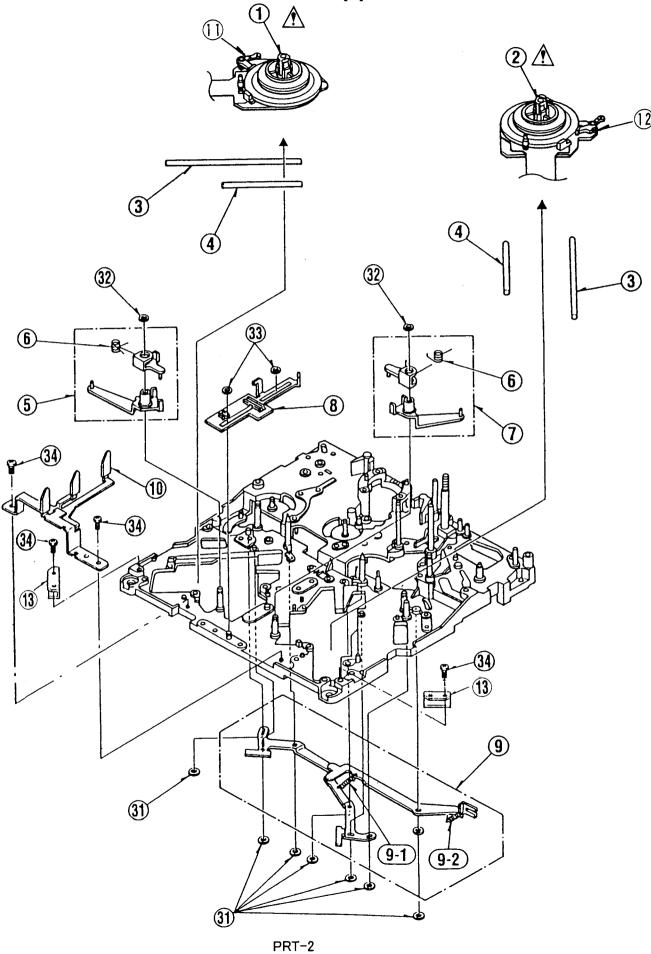
SERVICING FIXTURES & TOOLS

| Ref. No | o. Part No. | Part Name & Description | ηPc | s Remarks | Ref. No. | Part No. | Part Name & Description | Pc | Remarks |
|---------|-------------|---------------------------|----------|--------------|--|----------|---------------------------|----------|----------|
| 1 | VFK1145 | BACK TENSION METER | + | | 42 | VFK1248A | FLASH ROM VERSION UP SOFT | | |
| 2 | VFK1149 | POST DRIVER | 1 | | 43 | VFK1304A | ROM REWRITER | | |
| 3 | VFK71 | DIAL TORQUE GAUGE (150G) | 1 | | 7 | | | 1 | |
| 4 | VFK1191 | DIAL TORQUE GAUGE (45G) | 1 | | | | - | 1 | |
| 5 | VFK1152 | DIAL TORQUE GAUGE ADAPTOR | 1 | | 11 | İ | | 1 | |
| 6 | VFK0357 | ECCENTORIC SCREWORIVER | ١, | | 47 | VFK0369 | TWEEZERS | 1 | |
| 7 | VFL1154 | POST HEIGHT FIXTURE | 1 | | 48 | VFK0371 | RADIO PRIER | 1 | |
| 8 | VFK1153 | MECH. NEUTRAL PLATE | 1 | | 49 | VFK0372 | CUTTER PRIER | 1 | |
| 9 | VFK0906 | OIL | 1 | | 50 | VFK0338 | TRIMMER ADJUSTMENT DRIVER | 1 | |
| 10 | VFK1155 | REV POSITION TOOL | 1 | | 51 | VFK0337 | PHILIPS DRIVER | 1 | |
| 11 | VFK1158 | PLAY POSITION TOOL | 1 | | | | | | |
| 12 | VFK1208 | NEUTRAL POSITION TOOL | 1 | | | | | | |
| 13 | VFK1150 | NUT DRIVER (5.5MM) | 1 | | 11 | l | | | |
| 14 | VFK1151 | NUT DRIVER (2.5MM) | + | | 1 | İ | | | <u> </u> |
| 15 | VFK1188 | DIAL TENSION GAUGE (30G) | 1 | <u> </u> | 1 | | | Г | |
| 16 | VFK0948A | CHECK LIGHT | 1 | | 11 | 1 | | | |
| 17 | VFK0749 | FROIRAL GREASE | 1 | | 1 | | | _ | |
| 18 | MOR265 | MORLYTONE GREASE | 1 | | | | | - | |
| 19 | VFK1148 | PHILIPS DRIVER (FINE) | 1 | | 1 | | | | |
| 20 | VFK1147 | PHILIPS DRIVER (FINE) | + ; | | | | | _ | <u> </u> |
| 21 | VFK1148 | HEX. DRIVER (1.5) | 17 | | | | | | |
| 22 | VFK1178 | HEX. DRIVER (0.89) | 1 | | 1 | | | | |
| 23 | VFK1179 | HEX. DRIVER (0.71) | ١, | | | | | | |
| 24 | VFK1190 | HEX. WRENCH | 1 | | 1 | | | _ | |
| 25 | VFK1209 | TORQUE DRIVER | 1 | | | | | | |
| 26 | VFK1375 | POST AXIS DRIVER (1. 5MM) | 1 | | 11 | | | | |
| 27 | VFK1300 | A/D BOARD | H | | | | | | |
| 28 | VFM3580KM | ALIGNMENT TAPE (NO. 1) | l i | FOR NTSC | 11 | | | _ | |
| 29 | VFM3581KM | ALIGNMENT TAPE (NO. 2) | H | FOR NTSC | | | | | |
| 30 | VFM3582KM | ALIGNMENT TAPE (NO. 3) | H | FOR NTSC | | | | | |
| 31 | VFM3680KM | ALIGNMENT TAPE (NO. 1) | + | FOR PAL | | | | _ | |
| 32 | VFM3681KM | ALIGNMENT TAPE (NO. 2) | 1 | FOR PAL | 11 | | | | |
| 33 | VFM3682KM | ALIGNMENT TAPE (NO. 3) | 1 | FOR PAL | | | | | |
| 34 | VFM3000EDS | ALIGNMENT TAPE (DV LISTA) | 1 | TON TAL | | | | - | |
| 34 | VF M3000EDS | ALIGNMENT TAPE (DV CTSTA) | | | | | | _ | |
| | | | 1 | | | | | | |
| 37 | AJ-CL12MP | CLEANING TAPE | 1 | | | | | | |
| 38 | VFK1481 | LISTA SOFTWARE | H | | | | | | |
| 39 | | LISTA CABLE | H | | | | | - | |
| 40 | VFK1186 | TAPE DET. SENSOR CASSETTE | <u> </u> | | | | | ᅥ | |
| 41 | VFK1423 | CLEANING CROSS | H | | | | | \dashv | |
| *1 | VZZ0095 | CEARING CROSS | Н | | | | | \dashv | |

MECHANICAL CHASSIS ASSEMBLY (1)

| March Test Str. Pert None & Supercript only Remarks Str. Pert None & None Pert None Str. Pert None & None Pert None Str. Pert None & None Pert None Pert None & None & Pert None & None & Pert None & None & Pert None | Ref.N | o. Part No. | Part Name & Description | n Pes | Remarks | | | No. | | D M | | |
|--|---|---|--|------------------|--|----------------|---|---------------------------------------|-----------------------------------|--|-----|--|
| 1 | | 1 | | 1 | Remarks | }- | Kel. | IVO. | Part No. | <u> Part Name & Descript</u> | ion | Pcs Remarks |
| # 2 VEMO687 | <u>4.</u> 1 | VEM0686 | S REEL MOTOR A ASS'Y | 1 | (M) | | | | | | | |
| 3 VMS5923 REEL OUTER RAIL 2 4 VMS5924 REEL INNER RAIL 2 5 VXL2589 S BASE DRIVE ARM ASS'Y 1 6 VMB2944 CHARGE SPRING 2 7 VXL2590 T BASE DRIVE ARM ASS'Y 1 8 VXA5625 SLIDE ROD ASS'Y 1 9 VXL2597 M STOPPER DRIVE ARM ASS'Y 1 9-1 VMB2955 M STOPPER SPRING (1) 1 9-2 VMB3017 M STOPPER SPRING (2) 1 10 VXA6174 L-M RELEASE ANGLE ASS'Y 1 11 VXZ0439 S BRAKE ARM ASS'Y 1 12 VXZ0440 T BRAKE ARM ASS'Y 1 12 VXZ0440 T BRAKE ARM ASS'Y 1 31 VMX1061 WASHER 7 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | <u>á</u> 2 | VEM0687 | T REEL MOTOR A ASS'Y | 4 | (N) | | | . | | | - (| |
| 4 VMS5924 REEL INNER RAIL 2 5 VXL2589 S BASE DRIVE ARM ASS' Y 1 6 VMB2944 CHARGE SPRING 2 7 VXL2590 T BASE DRIVE ARM ASS' Y 1 8 VXA5625 SLIDE ROD ASS' Y 1 9 VXL2597 M STOPPER DRIVE ARM ASS' Y 1 9-1 VMB2955 M STOPPER SPRING (1) 1 9-2 VMB3017 M STOPPER SPRING (2) 1 10 VXA6174 L-M RELEASE ANGLE ASS' Y 1 11 VXZ0439 S BRAKE ARM ASS' Y 1 112 VXZ0440 T BRAKE ARM ASS' Y 1 31 VMX1061 WASHER 7 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | 3 | VMS5923 | REEL OUTER RAIL | 2 | | | | | | | | |
| 6 VMB2944 CHARGE SPRING 2 7 VXL2590 T BASE DRIVE ARM ASS'Y 1 8 VXA5625 SLIDE ROD ASS'Y 1 9 VXL2597 M STOPPER DRIVE ARM ASS'Y 1 9-1 VMB2955 M STOPPER SPRING (1) 1 9-2 VMB3017 M STOPPER SPRING (2) 1 10 VXA6174 L-M RELEASE ANGLE ASS'Y 1 11 VXZ0439 S BRAKE ARM ASS'Y 1 12 VXZ0440 T BRAKE ARM ASS'Y 1 12 VXZ0440 T BRAKE ARM ASS'Y 1 31 VMX1061 MASHER 7 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | 4 | | REEL INNER RAIL | | | - 11- | | | | | | |
| 7 | 5 | | | 1 | ** | -11 | | | | | - 4 | |
| 8 | 6 | VMB2944 | CHARGE SPRING | 2 | *************************************** | - | | | | | | |
| 9 | 7 | | T BASE DRIVE ARM ASS'Y | 1 | | - 11 | | | | | - | |
| 9-1 VMB2955 M STOPPER SPRING (1) 1 9-2 VMB3017 M STOPPER SPRING (2) 1 10 VXA6174 L-M RELEASE ANGLE ASS'Y 1 11 VXZ0439 S BRAKE ARM ASS'Y 1 12 VXZ0440 T BRAKE ARM ASS'Y 1 31 VMX1061 WASHER 7 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | 8 | | SLIDE ROD ASS'Y | 1 | | | | | | | | |
| 9-1 VMB2955 M STOPPER SPRING (1) 1 9-2 VMB3017 M STOPPER SPRING (2) 1 10 VXA6174 L-M RELEASE ANGLE ASS'Y 1 11 VX20439 S BRAKE ARM ASS'Y 1 12 VXZ0440 T BRAKE ARM ASS'Y 1 31 VMX1061 WASHER 7 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | 9 | | M STOPPER DRIVE ARM ASS'Y | 1 | CONTRACTOR | -]] | | · † | | | | A STATE OF THE STA |
| 10 | | | M STOPPER SPRING (1) | 1 | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| 11 | | | M STOPPER SPRING (2) | 1 | *************************************** | | | | | | | - |
| 12 | | | L-M RELEASE ANGLE ASS'Y | 1 | Allert and agree and agree or so agree and a second agree and | - 11 | | | | MI | | · |
| 31 VMX1061 MASHER 7 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | | | S BRAKE ARM ASS'Y | 1 | | | | | | | | |
| 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | 12 | VXZ0440 | T BRAKE ARM ASS'Y | 1 | | -11 | | 1 | | the many that the second second second | - 1 | the state of the s |
| 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | / | | | | | | | · · · † | | | | |
| 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | ~~~ | | | | | -11 | | | | | | |
| 32 VMX1079 CUT WASHER 2 33 VMX1394 CUT WASHER 2 | | | | | | - 11 - | * | 1 | | | | |
| 33 VMX1394 CUT WASHER 2 | | | | 7 | | 11 | | | | | | |
| | | | | 2 | | - 11 | | | | | | |
| 34 | | | | 2 | | | | | | | | |
| | 34 | XQN2+CF3 | SCREW | 4 | | | | | | | | |
| | | | | | | Ш | | | | 110 may | - | |
| | | | | LI | | 11 | *************************************** | <u>-</u> | | | + | |
| | | | | | | 11 | | | | | | |
| | | | | | | | | 1 | | | | |
| | ····· | | | | ************************************** | | | 1 | | Commission of the Commission o | 1 | |
| | | _ | | | | 11- | | | W-1 | | | |
| | | - | | | |][| | 1 | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | *************************************** |
| | | | | | | | | | T man and considers const. (1991) | | 1 | |
| | | | | | | Ш. | | | | | | |
| | | | | | THE STREET OF STREET STREET STREET, STREET STREET, STREET STREET, STREET STREET, STREET STREET, STREET, STREET, | 11 | | | | the comment of the comment of | - | |
| | | | | | | .11 | | | | | 1 | |
| | | ļ | | | · ···································· | | | L | | V 1000 100 000010 Parties (400 100 100 100 100 100 100 100 100 100 | 1 | |
| | | - | | | | 11 | | | | | 1 | |
| | | <u> </u> | | | *************************************** | 11 | | . [| | The state of the s | 1 | |
| | | | | | | 1 | | | | 1 Marie - 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, | 1 | |
| | | | | | | 11 | | | | | 1 | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | 1 | |
| | | | | | | | | 1 | | | | |
| | | | | | P. C. Marine Commence Control of Control of Marine Commence (N. 15, 1811). | 11 | | | | | 1 | |
| | | | | · | | 11 | | | | | 1 | 1 |
| | | | | | | 11 | | | | | | |
| | | | | | Mr. Salari anno menger werk a construction of the salari and a | | | _ | | | | |
| | | | | | | } | | | | | | |
| | | ļ | | | | | | . | | | L | |
| | *************************************** | ł | | | |] | | | | E decrease and an inches of the contract of th | | |
| | | | | | BB 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | [| | | | · · · · · · · · · · · · · · · · · · · | ļ | |
| | | v | M. Marian and M. C. Anna and M. C. Carrellian and M. C. Carrellian and C. Carrellian | | - Company of the Comp | | | | | | | |
| | | | | | National Control of the Control of t | l | | + | | | | 27 18 18 18 18 18 18 18 18 18 18 18 18 18 |
| | | | | | the second contract of | | | | | | | |
| | | | | | | | | + | | | ļ | |
| | | | 80 | | | | | - | | | | |
| | | | | | | | *************************************** | | | | | |
| | | | | - | | l | *************************************** | | | | | |
| | | | | + - | | | | ļ | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | ļ | | | | |
| | | | | - | | ļ | | ļ | | | | |
| | | | | + | · White he was required and a second of the | | | ļ | | WA | | |
| | | | | | | J | | ł | | ALL THE PARTY OF T | | |
| | | | | 1 | A COLUMN CONTRACTOR OF THE COLUMN CONTRACTOR OF THE COLUMN | | | ļ | | | | ······································ |
| | | *************************************** | | 1 | | ļ | | ļ | | | | |
| | *************************************** | | | + · · · · | | l | | ļ | | | | |
| | | | Commence of the second of the | | | | | | | The state of the s | 1 | |
| | | | | · · · · · · · | | | | ļ | | | | |
| | 1 | | | 1 | | | | | | The state of the s | | |
| | | | * ************************************* | 1 | | f | | | | | | |
| | | | | İ | | ļ | | | | | | |
| | | | | 1 | | ļ · · · · | | | | | | |
| | | | | 1 | | | ······································ | | | | | |
| | 7 | 1 | | 1 | | | | | | | . | the state of the s |
| | | | | | | l | | | | | 1. | |
| | | | | 1 | | | | | | 100 to 0.00 dr. (10.00 at 10.00 | |
| | | | | | | Ь— | | | | | | |

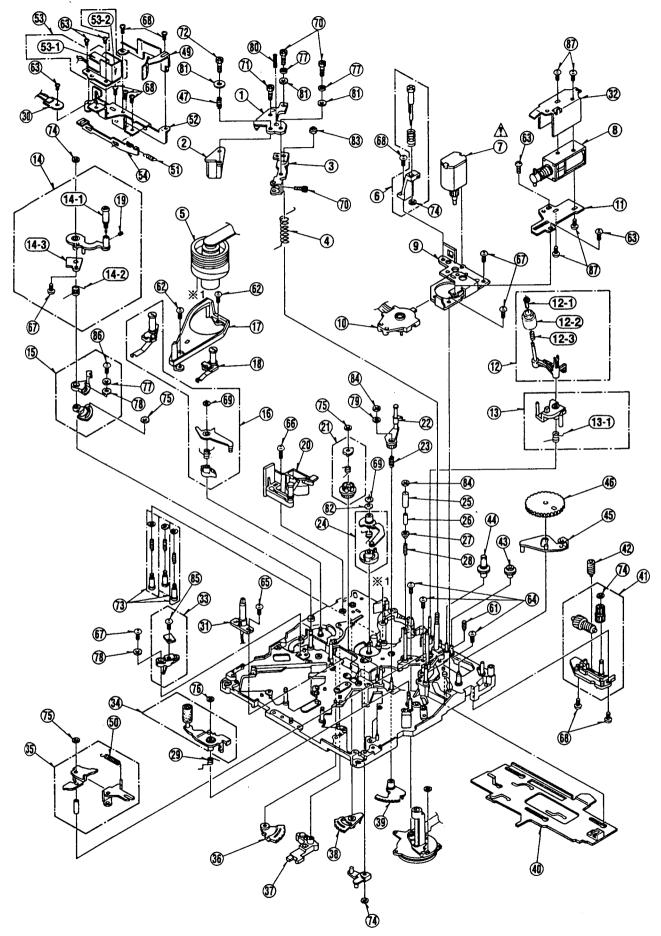
MECHANICAL CHASSIS ASSEMBLY (1)



MECHANICAL CHASSIS ASSEMBLY (2)

| 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | A/C HEAD BASE (1) ASS'Y A/C HEAD A/C HEAD BASE (2) ASS'Y A/C HEAD BASE (2) ASS'Y A/C HEAD HIGHT SPRING CYLINDER UNIT EMARGENCY SHIFT HOLDER LOADING MOTOR (1) A ASS'Y PINCH SOLENOID MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER HOLDER T2 ARM ASS'Y T2 ARM ASS'Y TENSION ARM A ASS'Y TENSION ROLLER TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK S1 LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW S POST BASE A ASS'Y HEX SCREW S POST BASE A ASS'Y | | 1 1 (u) 1 1 1 (u) 1 1 1 (u) 1 1 1 (u) 1 1 (u) 1 1 (u) 1 1 (u) 1 1 (u) 1 | 67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84 | XGN2+CF3
XGN2+CF4
XUC12FP
XVE2B4FZ
XVE2B6FP
XVE2B12FP
VX00439
VMX1061
VMX1079
XWA2B
XWE2
XWE16VW
XXE2A6FP
XWG2
XWG2
XWG15Z32G
VHD0045
VHN0312 | SCREW SCREW E-RING HEX SCREW HEX SCREW HEX SCREW SCREW CUT WASHER | | 12 3 2 2 3 3 1 1 1 4 4 2 2 1 1 1 3 3 2 2 1 1 2 2 | |
|--|--|--|----------|---|--|--|--|------------|---|---|
| 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | VED0419 VXA6067 VMB2935 VEG1503 VXA5715 VEM0645 VSJ0227 VXA5784 VES0814 VMS2924 VMX2150 VML2924 VMX2150 VMB3114 VXL2870 VMB3304 VXL2870 VMB3304 VXL2870 VMB31761 VML2812 VMB31761 VML2812 VMB31761 VML2812 VMB31761 VML2812 VMB31761 VML2812 VMB31761 VML2812 VMB32050 VXA6052 VXP1683 VXA6052 VXP1683 VXA6052 VXP1683 VXL2772 VMB2950 | A/C HEAD A/C HEAD BASE (2) ASS'Y A/C HEAD BASE (2) ASS'Y A/C HEAD HIGHT SPRING CYLINDER UNIT EMARGENCY SHIFT HOLDER LOADING MOTOR (1) A ASS'Y PINCH SOLENOID MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y T2 ARM SPRING T2 ARM ASS'Y T2 ARM SPRING TENSION ARM A ASS'Y TENSION ARM A ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | 1 (u) (u) (u) (u) (u) (u) (u) | 70
71
72
73
74
75
76
77
78
79
80
81
82
83 | XUC12FP XVE2B4FZ XVE2B6FP XVE2B12FP VXQ0439 VMX1061 VMX1079 XWA2B XWE2 XWE16VW XXE2A6FP XWG2 XWG2 XWG152326 VHD0045 | E-RING HEX SCREW HEX SCREW HEX SCREW SCREW SCREW CUT WASHER WASHER CUT WASHER WASHER WASHER WASHER WASHER HEX SCREW WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER | | 2 3 3 1 1 1 1 3 3 3 3 3 3 1 1 4 4 4 4 2 2 1 1 1 1 3 3 2 2 1 1 | |
| 3 | VXA6067 VMB2935 VEG1503 VXA5715 VEM0645 VXSJ0227 VXA5584 VES0814 VMA9376 VXL2924 VMX2150 VXH93114 VXL2870 VMB3304 VXL2832 VXP1761 VMB3220 VXP1761 VXL2812 VMB2253 VXA6173 VXA6791 VXL2812 VMD2533 VXA678 VHD0561 VXA6078 VXH0683 VXL2772 VMB2950 | A/C HEAD BASE (2) ASS'Y A/C HEAD HIGHT SPRING CYLINDER UNIT EMARGENCY SHIFT HOLDER LOADING MOTOR (1)A ASS'Y PINCH SOLENOID MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y T2 ARM ASS'Y T2 ARM ASS'Y T2 ARM SPRING TENSION ARM A ASS'Y TENSION ARM A ASS'Y TENSION CLEASER FORLER TENSION ARM A ASS'Y TENSION ARM A ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | 1 (u) (u) (u) (u) (u) (u) (u) | 70
71
72
73
74
75
76
77
78
79
80
81
82
83
84 | XVE2B4FZ XVE2B6FP XVE2B12FP VXQ0439 VMX1061 VMX1079 XWA2B XWE2 XWE16VW XXE2A6FP XWG2 XWG2 XWG215Z326 VHD0045 | HEX SCREW HEX SCREW HEX SCREW SCREW CUT WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER | | 3 3 1 1 1 1 3 3 3 3 3 3 1 1 4 4 2 2 1 1 1 1 3 3 2 2 1 1 | |
| 4 | VMB2935 VEG1503 VXA5715 VEM0645 VSJ0227 VXA5584 VES0814 VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2870 VXM2832 VXM28529 VXM2812 | A/C HEAD HIGHT SPRING CYLINDER UNIT EMARGENCY SHIFT HOLDER LOADING MOTOR (1)A ASS'Y PINCH SOLENOID MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER HOLDER CLEANER ROLLER SPRING TZ ARM ASS'Y TZ ARM ASS'Y TZ ARM ASS'Y TENSION ARM A ASS'Y TENSION CLEG SPRING MAGNET HOLDER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | (u) (u) (u) (u) | 71
72
73
74
75
76
77
78
79
80
81
82
83
84 | XVE2B6FP XVE2B12FP VXQ0439 VMX0967 VMX1061 VMX1079 XWA2B XWE2 XWE16VW XXE2A6FP XWG2 XWG215Z326 VHD0045 | HEX SCREW HEX SCREW HEX SCREW SCREW CUT WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER | | 3 3 1 1 1 1 3 3 3 3 3 3 1 1 4 4 2 2 1 1 1 1 3 3 2 2 1 1 | |
| 5 | VEG1503 VXA5715 VEM0645 VSJ0227 VXA5584 VES0814 VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2832 VXH2832 VXH27161 VMB3220 VXA6173 VXA5791 VXL2812 VMD25633 VXA6778 VVMD5661 VXA6052 VXP1663 VXL2772 VMB2950 | CYLINDER UNIT EMARGENCY SHIFT HOLDER LOADING MOTOR (1) A ASS'Y PINCH SOLENOID MOTOR ANGLE ASS'Y MOTOR ANGLE ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y TZ ARM ASS'Y TZ ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | (u) (u) (u) (u) | 71
72
73
74
75
76
77
78
79
80
81
82
83
84 | XVE2B6FP XVE2B12FP VXQ0439 VMX0967 VMX1061 VMX1079 XWA2B XWE2 XWE16VW XXE2A6FP XWG2 XWG215Z326 VHD0045 | HEX SCREW HEX SCREW SCREW CUT WASHER WASHER CUT WASHER WASHER WASHER WASHER HEX SCREW WASHER WASHER WASHER WASHER WASHER WASHER | | 1 1 1 3 3 3 3 3 1 1 4 4 2 2 1 1 1 3 3 2 2 1 1 | |
| 6 | VXA5715 VEM0645 VSJ0227 VXA5584 VES0814 VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2870 VXB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVA6552 VXP1683 VXL2772 VMB2950 | EMARGENCY SHIFT HOLDER LOADING MOTOR (1) A ASS' Y PINCH SOLENOID MOTOR ANGLE ASS' Y MODE SW ASS' Y PINCH SOLENOID BASE CLEANING ARM A ASS' Y CLEANER ROLLER HOLDER CLEANER ROLLER HOLDER T2 ARM ASS' Y CLEANER ROLLER SPRING T2 ARM ASS' Y TENSION ARM A ASS' Y TENSION ROLLER TENSION ROLLER TENSION LEG SPRING MACNET HOLDER ASS' Y TENSION LEG SPRING MACNET HOLDER ASS' Y TENSION LEG SPRING HOOK SI LOADING ARM ASS' Y LOADING ARM ASS' Y LOADING ARM | | (u) (u) (u) (u) | 72
73
74
75
76
77
78
79
80
81
82
83
84 | XVE2B12FP
VXQQ439
VMXQ967
VMX1061
VMX1079
XWA2B
XWE2
XWE16VW
XXE2AGFP
XWG2
XWGV15Z32G
VHD0045 | HEX SCREW SCREW CUT WASHER WASHER CUT WASHER WASHER WASHER WASHER HEX SCREW WASHER WASHER WASHER WASHER WASHER | | 1 1 3 3 3 3 3 3 3 3 1 1 4 4 2 2 1 1 1 3 3 2 2 1 1 2 2 | |
| 6 | VXA5715 VEM0645 VSJ0227 VXA5584 VES0814 VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2870 VXB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVA6552 VXP1683 VXL2772 VMB2950 | EMARGENCY SHIFT HOLDER LOADING MOTOR (1) A ASS' Y PINCH SOLENOID MOTOR ANGLE ASS' Y MODE SW ASS' Y PINCH SOLENOID BASE CLEANING ARM A ASS' Y CLEANER ROLLER HOLDER CLEANER ROLLER HOLDER T2 ARM ASS' Y CLEANER ROLLER SPRING T2 ARM ASS' Y TENSION ARM A ASS' Y TENSION ROLLER TENSION ROLLER TENSION LEG SPRING MACNET HOLDER ASS' Y TENSION LEG SPRING MACNET HOLDER ASS' Y TENSION LEG SPRING HOOK SI LOADING ARM ASS' Y LOADING ARM ASS' Y LOADING ARM | | (u) (u) (u) (u) | 73
74
75
76
77
78
79
80
81
82
83 | VXQ0439
VMX0967
VMX1061
VMX1079
XWA2B
XWE2
XWE16VW
XXE2AGFP
XWG2
XWGV15Z32G
VHD0045 | SCREW CUT WASHER WASHER CUT WASHER WASHER WASHER WASHER WASHER HEX SCREW WASHER WASHER WASHER WASHER NYLON NUT | | 1 3 3 3 3 3 1 4 4 2 1 1 1 3 3 2 1 1 2 2 1 1 2 1 2 1 1 2 1 2 | |
| 7 V V V V V V V V V V V V V V V V V V V | VEM0645 VSJ0227 VXA5584 VES0814 VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2882 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVH0561 VXA6052 VXP1683 VXL2772 VMB2950 | LOADING MOTOR (1) A ASS'Y PINCH SOLENGID MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENDID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER HOLDER TZ ARM ASS'Y TZ ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING RAM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | (u)
(u) | 74
75
76
77
78
79
80
81
82
83
84 | VMX0967
VMX1061
VMX1079
XWA2B
XWE2
XWE16VW
XXE2AGFP
XWG2
XWGV15Z32G
VHD0045 | CUT WASHER WASHER CUT WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER NYLON NUT | | 3 3 3 1 1 4 4 2 2 1 1 1 3 3 2 2 1 1 2 2 | |
| 8 | VSJ0227 VXA5584 VES0814 VBA9376 VXL2924 VWX2150 VXP1963 VWB3114 VXL2870 VWB3304 VXL2832 VXP1761 VXL2832 VXP1761 VXL2812 VXD2533 VXA6173 VXA5791 VXL2812 VWD0561 VXA6052 VXP1683 VXL2772 VWB22950 | PINCH SOLENOID MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y CLEANER ROLLER SPRING T2 ARM ASS'Y T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING RAIL T1 BOAT ASS'Y HEX SCREW | | (u)
(u) | 75
76
77
78
79
80
81
82
83 | VMX1061
VMX1079
XWA2B
XWE2
XWE16VW
XXE2A6FP
XWG2
XWGV15Z32G
VHD0045 | WASHER CUT WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER WASHER NYLON NUT | | 3
3
1
4
2
1
1
3
2
1
1
2 | |
| 9 V 10 V 11 V 12 V 12-1 V 12-2 V 12-3 V 13-1 V 13-1 V 14-1 V 14-1 V 14-2 V 14-3 V 15- V 16 V 17 V 18 V 19 V 10 V 11 V 11 | VXA5584 VES0814 VWA9376 VXL2924 VWX2150 VXP1963 VWB3114 VXL2870 VWB3304 VXL2832 VXP1761 VXL2832 VXP1761 VXL2812 VWB3220 VXA6173 VXA6379 VXA65791 VXL2812 VWD0561 VXA6052 VXP1683 VXXA6378 VVH00561 VXA6052 VXP1683 VXL2772 VWB22950 | MOTOR ANGLE ASS'Y MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y CLEANER ROLLER SPRING T2 ARM SPRING T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | (M) | 76
77
78
79
80
81
82
83
84 | VMX1079
XWA2B
XWE2
XWE16VW
XXE2A6FP
XWG2
XWGV15Z32G
VHD0045 | CUT WASHER WASHER WASHER WASHER HEX SCREW WASHER WASHER NYLON NUT | | 3
1
4
2
1
1
3
2
2 | |
| 10 V 11 V 11 V 12 V 12-1 V 12-2 V 13 V 13-1 V 14-1 V 14-2 V 14-2 V 15-5 V 16 V 17 V 18 V 19 V 10 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 11 | VESO814 VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2832 VXP1761 VMB3202 VXA6173 VXA65791 VXL2812 VMD2533 VXA6378 VVHD0561 VXA6052 VXP1683 VXL2772 VMB22950 | MODE SW ASS'Y PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y CLEANER ROLLER SPRING TZ ARM ASS'Y TZ ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y STENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | (u) | 77
78
79
80
81
82
83
84 | VMX1079
XWA2B
XWE2
XWE16VW
XXE2A6FP
XWG2
XWGV15Z32G
VHD0045 | CUT WASHER WASHER WASHER WASHER HEX SCREW WASHER WASHER NYLON NUT | | 1 4 2 1 1 1 3 2 2 1 1 2 1 2 | |
| 111 V 12 V 12 V 12 V 12 V 12 V 13 V 13 V 13 V 13 V 14 V 14 V 14 V 14 V 14 V 15 V 16 V 17 V 18 V 19 V 10 V 11 V 12 V 13 V 14 V 15 V 16 V 17 V 18 V 18 V 19 V 10 V 10 V 11 V 11 V 12 V 13 V 14 V 15 V 16 V 16 V 17 V 18 V 18 V 19 V 10 V 10 V 11 V 10 V 11 V 11 V 12 V 13 V 14 V 15 V 16 V 16 V 17 V 18 V 18 V 18 V 18 V 18 V 18 V 18 V 18 | VMA9376 VXL2924 VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2832 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVMO561 VXA6052 VXP1683 VXL2772 VMB2950 | PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER SPRING TZ ARM ASS'Y TZ ARM ASS'Y TZ ARM SPRING TENSION ARM A ASS'Y TENSION COLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | (u) | 77
78
79
80
81
82
83
84 | XWA2B
XWE2
XWE16VW
XXE2A6FP
XWG2
XWGV15Z32G
VHD0045 | WASHER WASHER WASHER HEX SCREW WASHER WASHER WASHER NYLON NUT | | 4 2 1 1 3 2 1 1 2 | |
| 12 V 12-1 V 12-1 V 12-2 V 12-3 V 13-3 V 13-1 V 14-1 V 14-2 V 14-3 V 15-5 V 16-6 V 17-7 V 18 V 19 V 10 V 10 V 11 V 10 V 10 V 11 V 10 V 10 | VXL2924 VMX2150 VXP1963 VWB3114 VXL2870 VMB3304 VXL2882 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVM0561 VXA6052 VXP1683 VXL2772 VMB2950 | PINCH SOLENOID BASE CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER SPRING TZ ARM ASS'Y TZ ARM ASS'Y TZ ARM SPRING TENSION ARM A ASS'Y TENSION COLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y HEX SCREW | | (u) | 78
79
80
81
82
83
84 | XWE2
XWE16VW
XXE2A6FP
XWG2
XWGV15Z326
VHD0045 | WASHER WASHER HEX SCREW WASHER WASHER WYNG NUT | | 2 1 3 2 2 1 2 | |
| 12 V 12-1 V 12-1 V 12-2 V 12-3 V 13-3 V 13-1 V 14-1 V 14-2 V 14-3 V 15-5 V 16-6 V 17-7 V 18 V 19 V 10 V 10 V 11 V 10 V 10 V 11 V 10 V 10 | VXL2924 VMX2150 VXP1963 VWB3114 VXL2870 VMB3304 VXL2882 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVM0561 VXA6052 VXP1683 VXL2772 VMB2950 | CLEANING ARM A ASS'Y CLEANER ROLLER HOLDER CLEANER ROLLER ASS'Y CLEANER ROLLER SPRING TZ ARM ASS'Y TZ ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK ST LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING ARM | | | 79
80
81
82
83
84 | XWE16VW
XXE2A6FP
XWG2
XWGV15Z32G
VHD0045 | WASHER HEX SCREW WASHER WASHER NYLON NUT | | 2
1
3
2
1
2 | |
| 12-1 V 12-2 V 12-3 V 12-3 V 12-3 V 13-1 V 14-1 V 14-1 V 14-3 V 14-3 V 15-5 V 16 V 17 V 18 V 19 V 10 V 11 V 15 V 16 V 17 V 18 V 18 V 18 V 18 V 18 V 18 V 18 V 18 | VMX2150 VXP1963 VMB3114 VXL2870 VMB3304 VXL2832 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVH05661 VXA6052 VXP1683 VXL2772 VMB2950 | CLEANER ROLLER HOLDER CLEANER ROLLER ASS' Y CLEANER ROLLER SPRING T2 ARM ASS' Y T2 ARM SPRING TENSION ARM A ASS' Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS' Y TENSION LEG SPRING HOOK S1 LOADING ARM ASS' Y LOADING RAIL T1 BOAT ASS' Y HEX SCREW | | | 80
81
82
83
84 | XXE2A6FP
XWG2
XWGV15Z32G
VHD0045 | HEX SCREW WASHER WASHER NYLON NUT | | 1 3 2 1 2 2 1 2 | |
| 12-2 V 12-3 V 12-3 V 13-1 V 13-1 V 14-1 V 14-2 V 14-3 V 15-6 V 15-7 V 18 V 10 V 11 V 12 V 13 V 14 V 15 V 16 V 16 V 17 V 18 V 19 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 11 V 10 V 10 | VXP1963
VMB3114
VXL2870
VMB3304
VXL2832
VXP1761
VMB3220
VXA6173
VXA5791
VXL2812
VMD2533
VXA6378
VVM0561
VXA6052
VXP1683
VXL2772
VMB2950 | CLEANER ROLLER ASS'Y CLEANER ROLLER SPRING T2 ARM ASS'Y T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER MAGNET HOLDER ASS'Y TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK S1 LOADING ARM ASS'Y LOADING RAIL T1 BOAT ASS'Y HEX SCREW | | (M) | 81
82
83
84 | XWG2
XWGV15Z32G
VHD0045 | WASHER
WASHER
NYLON NUT | | 1
3
2
1
2 | |
| 12-3 V 13 V 13-1 V 14-1 V 14-1 V 14-2 V 15 V 6 V 7 V 8 V 9 V 10 V 22 V 33 V 8 V 7 V 8 V 9 V 10 V 11 V 11 | VMB3114 VXL2870 VMB3304 VXL2832 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVM0561 VXA6052 VXP1683 VXL2772 VMB2950 | CLEANER ROLLER SPRING T2 ARM ASS'Y T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION ILEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING RAIL T1 BOAT ASS'Y HEX SCREW | | (M) | 82
83
84 | XWGV15Z32G
VHD0045 | WASHER
NYLON NUT | | 3
2
1
2 | |
| 13 V 13-1 V 14-1 V 14-1 V 14-2 V 14-3 V 5 V 7 V 8 V 9 V 10 V 11 V 2 V 3 V 4 V 5 V 8 V 10 V 11 V 11 V 12 V 13 V 14 V 15 V 16 V 17 V 18 V 18 V 18 V 18 V 18 V 18 V 18 V 18 | VXL2870 VMB3304 VXL2832 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VYH00561 VXA6052 VXP1683 VXL2772 VMB22950 | T2 ARM ASS'Y T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | (M) | 83
84 | VHD0045 | NYLON NUT | | 2 1 2 | |
| 13-1 V 14 V 14-1 V 14-2 V 14-3 V 15 V 6 V 7 V 8 V 9 V 10 V 11 V 2 V 3 V 4 V 5 V 8 V 9 V 10 V 11 V 2 V 11 V 12 V 13 V 14 V 15 V 16 V 17 V 18 V 18 V 18 V 18 V 18 V 18 V 18 V 18 | VMB3304 VXL2832 VXP1761 VMB3220 VXA6173 VXA5791 VXL2812 VMD2533 VXA6378 VVHD0561 VXA6052 VXP1683 VXL2772 VMB2950 | T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | (M) | 83
84 | VHD0045 | NYLON NUT | - | 1 2 | |
| 14 | VXL2832
VXP1761
VMB3220
VXA6173
VXA5791
VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | T2 ARM SPRING TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | (M) | 84 | | | - | 2 | |
| 14 V 14-1 V 14-2 V 14-3 V 14-3 V 15 V 6 V 7 V 10 V 11 V 2 V 3 V 4 V 7 V 8 V 9 V 10 V 11 V 2 V 2 V 3 V 4 V 5 V 6 V 7 V 8 V 8 V 9 V 9 V 9 V 9 V 9 V 9 V 9 V 9 V 9 V 9 | VXL2832
VXP1761
VMB3220
VXA6173
VXA5791
VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | TENSION ARM A ASS'Y TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | (M) | | VHN0312 | | | 2 | |
| 4-1 V 4-2 V 4-3 V 5 V 5 V 6 V 7 V 1 V 9 V 0 V 1 V 2 V 3 V 4 V 5 V 6 V 7 V 1 V 1 V 2 V 2 V 3 V 4 V 5 V 6 V 6 V 7 V 8 V 8 V 9 V 0 V 7 V 8 V 8 V 8 V 9 V 8 V 8 V 9 V 8 V 8 V 9 V 8 V 8 V 9 V 8 V 8 V 8 V 8 V 8 V 8 V 8 V 8 V 8 V 8 | VXP1761
VMB3220
VXA6173
VXA5791
VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | TENSION ROLLER TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | (M) | | 1 | | | | |
| 44-2 V 4-3 V 5 V 6 V 7 V 8 V 9 V 1 V 2 V 3 V 4 V 5 V 6 V 6 V 6 V 7 V 8 V 7 V 8 V 7 V 8 V 8 V 7 V 8 V 8 V 7 V 8 V 8 V 8 V 8 V 8 V 8 V 8 V 8 V 8 V 8 | VMB3220
VXA6173
VXA5791
VXL2812
VMD2533
VXA6378
VVD0561
VXA6052
VXP1683
VXL2772
VMB22950 | TENSION LEG SPRING MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | | | XQN2+AQ3. 5FZ | SCREW | | 1 | |
| 4-3 V. | VXA6173
VXA5791
VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | MAGNET HOLDER ASS'Y TENSION LEG SPRING HOOK SI LOADING ARM ASS'Y LOADING RAIL TI BOAT ASS'Y HEX SCREW | | | 86 | XON2+AJ5 | SCREW | 1 | 1 | |
| 5 V. 6 V. 7 V. 8 V. 9 V. 1 V. 2 V. 3 V. 4 V. 5 V. 8 V. 9 V. 1 V. 1 V. 2 V. 3 V. 4 V. 5 V. 6 V. 6 V. 7 V. 8 V. 8 V. 8 V. 9 V. 9 V. 1 V. 2 V. 3 V. 8 V. 8 V. 9 V. 9 V. 9 V. 9 V. 9 V. 9 V. 9 V. | VXA5791
VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | TENSION LEG SPRING HOOK
SI LOADING ARM ASS'Y
LOADING RAIL
TI BOAT ASS'Y
HEX SCREW | | 1 | 87 | XQN2+A1.5 | SCREW | 7 | 4 | |
| 6 V. 7 VI 8 V. 9 VI 9 VI 9 VI 9 VI 9 VI 9 VI 9 VI 9 | VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | SI LOADING ARM ASS'Y
LOADING RAIL
TI BOAT ASS'Y
HEX SCREW | | | 88 | XQN2+A4 | SCREW | | 1 | |
| 6 V. 7 VI 8 V. 1 VI 9 VI 1 V. 1 V. 1 V. 1 V. 1 V. 1 V. 1 V. 1 | VXL2812
VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | SI LOADING ARM ASS'Y
LOADING RAIL
TI BOAT ASS'Y
HEX SCREW | -+ | | 89 | VMX1394 | CUT WASHER | | # | |
| 7 VV 8 VX 9 VI 0 VY 1 VY 2 VY 1 VY 5 VX 6 VX 1 VY 2 VY 1 VX 1 VX 1 VX 1 VX 1 VX 1 VX | VMD2533
VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | LOADING RAIL
TI BOAT ASS'Y
HEX SCREW | 1 1 | (W) | * | | | | 11 | |
| 8 V. 9 VI 1 V. 1 V. 1 V. 1 V. 1 V. V. | VXA6378
VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | TI BOAT ASS'Y
HEX SCREW | | \ | | VXY1418Z1 | MECHANISM | | 1 (M) | |
| 9 VI 0 VY 1 VY 2 VY 3 VI 4 VY 5 VI 6 VI 6 VI 7 VI 8 VI 9 VI 9 VI 1 VI 1 VI 1 VX 1 VX 1 VX | VHD0561
VXA6052
VXP1683
VXL2772
VMB2950 | HEX SCREW | - | (40) | [| | | | 1 | |
| 0 V) 1 V) 2 V) 3 VI 4 V) 5 VI 6 VI 7 VI 8 VI 9 VI 1 VE 2 VI 3 VX 6 VX | VXA6052
VXP1683
VXL2772
VMB2950 | | 1.1 | (W) | I [| | | 1 | | |
| 1 | VXP1683
VXL2772
VMB2950 | S POST BASE A ASS'Y | 1 | | l 1 | | | 1 | 1 | |
| 2 V) 3 Vi 4 V) 5 Vi 6 Vi 8 Vi 9 Vi 0 VE 1 VE 2 Vi 3 VX | VXL2772
VMB2950 | | 1 | (M) | | | | 1- | + | |
| 3 VIII VIII VIII VIII VIII VIII VIII VI | V M B2950 | T4 CONNECTION GEAR ASS'Y | 1 | | 11 | | | + | | |
| 3 VIII 4 V) 5 VI 6 VIII 8 VIII 9 VIII 10 VE 2 VIII 11 VX 5 VX | V M B2950 | T4 ARM ASS' Y | 1 | WA A | | + | | | + | |
| 4 VY 5 VX 6 VX 7 VX 8 VX 9 VX 1 VE 2 VX 3 VX 5 VX | | T4 THRUST SPRING | +; | | | + | | 4 | | |
| 5 VX 6 VX 7 VX 8 VX 9 VX 1 VE 2 VX 3 VX 5 VX | *ALZ033 | | + : | | | | | | | |
| 6 VA 7 VA 8 VA 9 VA 1 VE 2 VA 3 VX 4 VX 5 VX | | T LOADING ARM N ASS'Y | 1. | | | | | | 1 | *************************************** |
| 7 VI. 8 VI. 9 VI. 10 VE 11 VE 2 VII. 13 VX 14 VX 15 VX | | T3 UPPER FRANGE | 1 1 | | | 1 | | 1 | T | A |
| 8 VI
9 VI
D VE
1 VE
2 VI
3 VX
4 VX
5 VX | | T3 SLEEVE | 1 | | | | | 1 | 1 | |
| 9 VM VE VE VE VX VX VX VX VX VX | /MS5904 | T3 LOWER FRANGE | 1 | | | 1 | ************************************** | - | t | |
| 9 VM VE VE VE VX VX VX VX VX VX | /MB2929 | T3 SPRING | 1 | | *************************************** | <u> </u> | | - | | |
| O VE 1 VE 2 VM 3 VX 4 VX 5 VX | | PINCH RELEASE SPRING | +; | | | | | ļ | | |
| 1 VE 2 VM 3 VX 4 VX 5 VX | | INSULLATION SENSOR | +-; | | } | | | 1_ | | |
| 2 VM
3 VX
4 VX
5 VX | | | 1! | | | ļ <u>.</u> | | 1 | L | |
| 3 | | LED HOLDER P. C. BOARD | 1 1 | | · | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | T | | |
| 4 vx
5 vx
6 vx | | PINCH SOLENOID ANGLE |] 1 | | | | | 1 | ! | |
| 5 VX | /XA5820 | TENSION SENSOR ASS'Y | 1, | - 100 100 100 100 100 100 100 100 100 10 | | | | + | k | *************************************** |
| s vx | /XL2835 | PINCH ARM ASS'Y | 1 | (M) | | | | · | ļ | |
| S VX | | PINCH GUIDE ARM ASS'Y | 1 | | | t · | | - | | Ed 4 |
| | | T SECTOR GEAR ASS'Y | + ; | | | | The state of the s | ļ | ļ | |
| | | | 1-1 | | | | | 1 | 1 | |
| | | TENSION LEG. GUIDE ARM | 1-1 | | | ļ | | | | |
| | | S SECTOR GEAR ASS'Y | | | L | | | 1 | | |
| | XA5564 | T4 SECTOR GEAR ASS'Y | 1 | | | | | | t | |
| VX | XA5563 | MAIN ROD ASS'Y | 1 | | 1 | <u> </u> | Market State Committee Com | | ł - | * **** ******************************* |
| VX | | THRUST SHAFT HOLDER ASS'Y | 1 | | | | 77.00 | ļļ | | |
| | | NOTOR WARM GEAR | | 7 70000 | | | | - | | |
| | | | 1 4 | | | | | | | W 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | NOTOR EMARGENCY GEAR A(A) | 1 | | | | | П | 1 | *************************************** |
| | | NOTOR EMARGENCY GEAR B(A) | 11 | | | | | | | |
| | | IAIN CAM ARM ASS'Y | <u> </u> | | | | | 1 | | |
| VD | DG1168 | VAIN CAM GEAR | 1 | (M) | | | | | | |
| VME | MB2937 A | /C HEAD ADJUST SPRING | 1 | | | | | | | |
| | | JECT ARM ASS'Y | | | ļ | | | | | |
| | | 1 GUIDE ASS'Y | -: | | | | | | | |
| | | | - | |] | | | | | |
| *************************************** | | PRING | 11 | | <u> </u> | 1 | | 1 | | |
| | ****************** | LEANER RETURN SPRING | 1 | ALONG 10 10 10 10 10 10 10 10 10 10 10 10 10 | <u> </u> | | | ····· | | |
| | (A6077 C | LEANER BASE 1 ASS'Y | 1 | | | | | | | |
| VXA | (A6078 C | LEANER SOLENOID ASS'Y | 1 | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | LEANER SOLENOID | 1 | M) | | | | | * -1- 1 | |
| | | LEANER SOLENOID BASE | -; | | | | *************************************** | | | |
| | | | -: - | | | | | | | |
| | | LEANER INTERLOCK | -4 | | <u> </u> | | 17.4.17 | | | |
| | | HRUST SCREW ASS'Y | 1](| M) | | | | | | |
| | | ILENCER A | 1 | | | | | | | |
| VMT | IT0872 S | ILENCER B | 1 | | | | | | | |
| | | | -+ | | | | | | | |
| | | | | | | ,,, | | | | V |
| | | | | | | | | Τ | | *************************************** |
| | | | | | | *************************************** | | | | |
| VHD. | D0356 S0 | CREW | 1 | | | | | | | |
| XON | M2.42 | REW | 1 | | | | | | | |
| | N 2+A3 S0 | REW | 3 | | | | | | | |
| | | REW | 3 | | | | | <u> </u> | | |
| the same of the same of the same of | N2+A35FZ SC | | 3 | | | | |] | | |
| XQN | N2+A35FZ SC
N2+AM2 SC | REW | | | | I | | 1 | | |
| | N2+A35FZ SC
N2+AM2 SC | | - 1 | | | | | 1 | | |

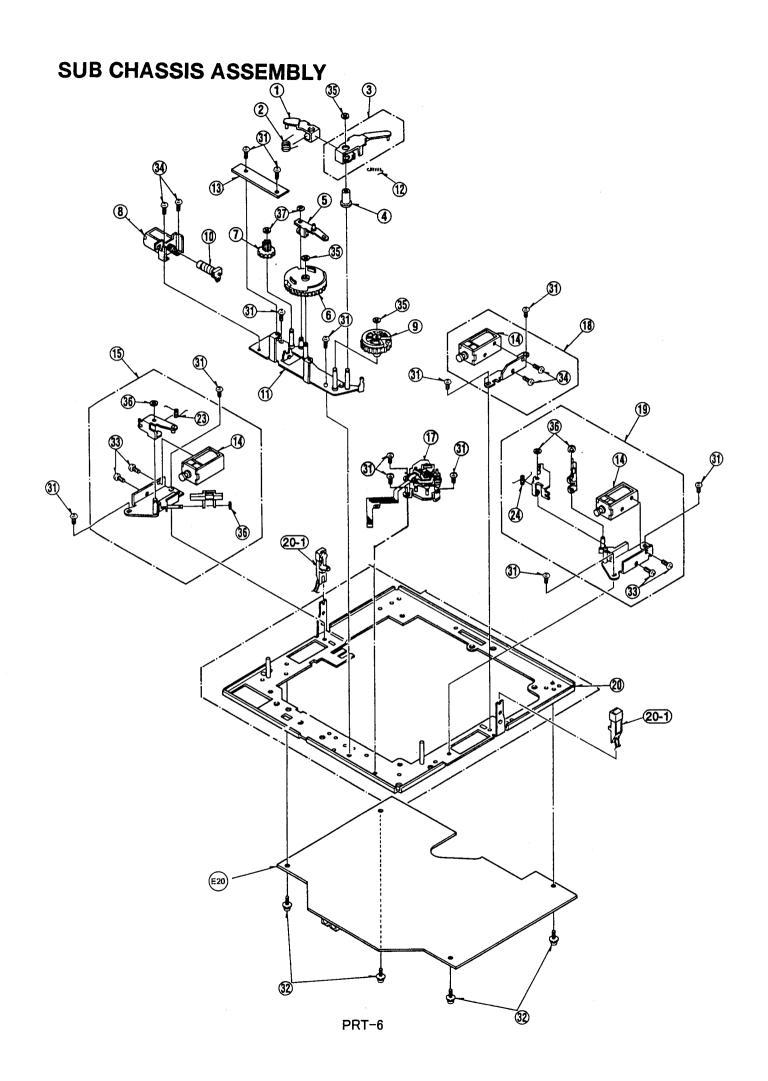
MECHANICAL CHASSIS ASSEMBLY (2)



PRT-4

SUB CHASSIS ASSEMBLY

| VMB3018 | | Part No. | Part Name & Description | Tres | Remarks | Ref. N | 0. | Part No. | Pa | rt Name & Descripti | on | Pes Remarks |
|--|---|--|--|--------------|---|---------------------------------------|--------------|---|-----|--|-----|--|
| WW83018 WIC DRIVE SPRING | 1 | VXL2656 | MIC DRIVE ARM (A) ASS'Y | | | | | | | |] | |
| VXL2657 | 2 | | | + ; | THE MARKS ST. ST. ST. ST. ST. ST. ST. ST. ST. ST | 1 | | | | | | |
| WOBIA29 MIC DRIVE ARM BOSS 1 | 3 | | | ti | | | | | | Production and the second seco | | *************************************** |
| VXL2613 REEL DRIVE AM ASS'Y 1 | 1 | VDB1429 | | 1 | | | | | 4 | | | |
| VIGI192 REEL DRIVE KORM REAR 1 1 1 1 1 1 1 1 1 | | VXL2613 | REEL DRIVE ARM ASS'Y | 1 | | ·] } | | - 1 00000000000000000000000000000000000 | | | | |
| VEMOS85 REEL DRIVE MOTOR ASS'Y 1 (M) VODI211 MIC GENEVA CEAR 1 VODI211 MIC GENEVA CEAR 1 VXA5628 MOTOR BASE U, | | VDG1192 | | 1 | | | | | - | and the control of a control of the | | |
| VDG1211 MIC GENEVA GEAR 1 1 1 1 1 1 1 1 1 | , | VDG1193 | REEL DRIVE WORM WHEEL | 1 | | 1 | | | | | | |
| 0 VXP1698 REEL DRIVE NORM ASS'Y 1 1 VXA5628 MOTOR BASE U. 1 2 VMB3019 MIC DRIVE RETURN SPRING 1 3 VEK7726 REEL SENSOR P. C. BOARD 1 4 VSJ0216 BRAKE SOLENOID 3 (W) 5 VXA575 SBRAKE SOLENOID 3 (W) 7 VXA6199 DISTINCTION SW ASS'Y 1 7 VXA6199 DISTINCTION SW ASS'Y 1 8 VXA5579 M STOPPER SOLENOID BASE AS 1 9 VXA5887 T-BRAKE SOLENOID BASE 1 9 VXXI336 SUB CHASSIS 1 VEK7692 SENSOR HOLDER ASS'Y 1 1 VWEX7692 SENSOR HOLDER ASS'Y 1 1 VMB2957 S BRAKE SPRING 1 1 VMB2987 T BRAKE SPRING 1 1 VMB2987 T BRAKE SPRING 1 1 XYM22887 SCREW 4 XXM24A1. 5 SCREW 4 XXM24A2 SCREW 2 XXM2A2 SCREW 2 XXM2A2 SCREW 2 XXM2A2 SCREW 4 XXM2A2 SCREW 4 XXM2A2 SCREW 4 XXM2A3 SCREW 4 XXM2A41. 5 SCREW 5 XXM2A41. 5 SCREW 5 XXM2A41. 5 SCREW 5 XXM2A41. 5 SCREW 5 XXM2A41. 5 SCREW 5 XXM2A41. 5 SCREW 5 XXM2A41. 5 S | 3 | VEM0585 | REEL DRIVE MOTOR ASS'Y | 1 | (M) | | | | | | | |
| 1 VXA5628 MOTOR BASE U. 1 2 VABG019 MIC DRIVE RETURN SPRING 1 3 VEX.7726 REEL SENSOR P. C. BOARD 1 4 VS.0216 BRAKE SOLENOID 3 (W) 5 VXA5755 S-BRAKE SOLENOID BASE ASS 1 7 VXA6199 DISTINCTION SW ASS'Y 1 (W) 8 VXA5579 W STOPPER SOLENOID BASE 1 9 VXA5887 T-BRAKE SOLENOID BASE 1 9 VXA5887 T-BRAKE SOLENOID BASE 1 9 VXA1336 SUB CHASSIS 1 VEX.7592 SENSOR HOLDER ASS'Y 1 1 VWB2957 S BRAKE SPRING 1 1 VWB2987 T BRAKE SPRING 1 1 VWB2987 T BRAKE SPRING 1 1 VWB2987 T SOLEN 1 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 1 SOLEN 2 2 SOLEN 2 1 SOLEN 2 2 SOLEN 2 2 SOLEN 2 2 SOLEN 2 2 SOLEN 2 2 SOLEN 2 2 SOLEN 3 2 SOLEN 2 2 SOLEN 3 2 SOLEN 2 2 SOLEN 3 2 SOLEN 2 2 SOLEN 3 2 SOLEN 3 3 | | VDG1211 | MIC GENEVA GEAR | 1 | THE RESIDENCE OF THE ADMINISTRAL CONTRACTOR OF THE PROPERTY OF | | | | + | er er er en en er er er en en en er er er er er er er er er er er er er | | |
| 2 VNB3019 MIC DRIVE RETURN SPRING 1 3 VEX.7726 REEL SENSOR P. C. BOARO 1 4 VS.20216 RGKEL SENSOR P. C. BOARO 1 5 VXA5575 S-BRAKE SOLENOID BASE ASS 1 7 VXA6199 DISTINCTION SW ASS'Y 1 (W) 8 VXA5579 W STOPPER SOLENOID BASE 1 9 VXA5587 T-BRAKE SOLENOID BASE 1 9 VXA5887 T-BRAKE SOLENOID BASE 1 1 VEX.7692 SENSOR HOLDER ASS'Y 1 1 VEX.7692 SENSOR HOLDER ASS'Y 1 1 VYAK5913 T BRAKE RELEASE ARM SHAFT 1 2 VVAS597 T BRAKE SPRING 1 3 VVAS587 T BRAKE SPRING 1 4 VVB2957 S BRAKE SPRING 1 5 VVB2957 S BRAKE SPRING 1 6 VVB2957 S SCREW 1 7 VVB2987 T BRAKE SPRING 1 7 VVB2987 T BRAKE SPRING 1 7 VVB2987 T SURA SPRING 1 8 VVB2987 T S | 0 | VXP1698 | REEL DRIVE WORM ASS'Y | 1 | | · | | | | | | |
| 3 VEX.7726 REEL SENSOR P.C. BOARD 1 | | | | 1 | | · [] | 1 | | + - | | | |
| VS.N0216 BRAKE SOLENOID 3 (M) | | | MIC DRIVE RETURN SPRING | 1 | N. M. Carrier and C. C. Carrier and C. C. Carrier and C. C. Carrier and C. C. Carrier and C. C. Carrier and C. | 1 | | | 1 | | 1 | |
| VXA5575 S-BRAKE SQLENOID BASE ASS 1 | | | REEL SENSOR P.C.BOARD | 1 | | | | | | | | |
| VXA5199 | | | | 3 | (M) | 11 | | | 1 | | | |
| VXA5579 | | | | 1 | | 1 | | | | | | |
| VXA5887 | | | | 1 | (M) | | 1 | | 1 | | | |
| VXK1336 SUB CHASSIS 1 | | | | 1 | | 1 | - 1 | | 1 | | - 1 | |
| VEX.7692 SENSOR HOLDER ASS' Y 1 2 VMS6193 T BRAKE RELEASE ARM SHAFT 1 3 VMB2957 S BRAKE SPRING 1 4 VMB2987 T BRAKE SPRING 1 5 T BRAKE SPRING 1 6 SCREW 1 7 SCREW 4 8 SCREW 4 9 SCREW 2 9 SCREW 2 9 VMX1079 CUT WASHER 5 9 VMX10548 CUT WASHER 4 9 VMX1548 CUT WASHER 2 1 XON2+A1.5 SCREW 4 | | 77.0 | | 1 | == 00.40 | | | | 1 | | | |
| VMS6193 | | | | 1 | | | 1 | | | The second of th | | |
| VMB2957 S BRAKE SPRING 1 | | | | 1 | | 11 | | | 1 | | 1 | |
| VMB2987 T BRAKE SPRING 1 | | CATTER AND ADDRESS OF THE PARTY | | 11 | | | | | 1 | | | |
| XON2+CF3 SCREW 13 | | | | 1 | | | | | 1 | | + | |
| XYN26+K6 SCREW 4 | [| VMB2987 | T BRAKE SPRING | 1 | | | | | İ | | t | |
| XYN26+K6 SCREW 4 XON2+A1.5 SCREW 2 XON2+A2 SCREW 2 YMX1079 CUT WASHER 5 VMX0967 CUT WASHER 4 VMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | | | | | | | | 1 | | 1 | The second secon |
| XYN26+K6 SCREW 4 XON2+A1.5 SCREW 2 XON2+A2 SCREW 2 WMX1079 CUT WASHER 5 VMX0967 CUT WASHER 4 VMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | | | | | | | | Ι | | 1 | |
| XYN26+K6 SCREW 4 XON2+A1.5 SCREW 2 XON2+A2 SCREW 2 YMX1079 CUT WASHER 5 VMX0967 CUT WASHER 4 VMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | V010 - 050 | COREW | 1 | | | | | 1 | The second secon | 1 | |
| XON2+A1.5 SCREW 2 XON2+A2 SCREW 2 VIMX1079 CUT WASHER 5 VIMX0967 CUT WASHER 4 VIMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | | | | | | | And Manager and Angelon | | | | |
| XON2+A2 SCREW 2 | | | | | | | | | | | 1 | |
| VMX1079 CUT WASHER 5 VMX0967 CUT WASHER 4 VMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | | | | | | | | | | | |
| VMX0967 CUT WASHER 4 VMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | | | | | | | | | | - | |
| VMX1548 CUT WASHER 2 XON2+A1.5 SCREW 4 | | | | | | | | | | | | |
| XON2+A1.5 SCREW 4 | | | | | | | | | l | | 7 | |
| | | | | | | | _ _ | | l | | | |
| VEP822168 VECH I/F P. C. BOATO 1 | · | AUNZTAI. 3 | SCREW | 4 | | | | | | | | |
| VEP822168 | | | | | | | | | | | | |
| VER22166 #EGI I/F P.C. 60/60 1 | | | | | | · · · · · · · · · · · · · · · · · · · | 1 | | | | | |
| | | /ED82216D | MECH I/E B C BOARD | | | | | | l | 710.00 | | |
| | | LF 02210B | MECH I/F P.C.BUARD | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | ļ | - | | | | | |
| | | | | | | | | | | | | |
| | | ***** | | + | | | +- | | | | 1 | |
| | | | | | | | | | | of more more commissions the commission to a conserving | ļ | |
| | | | | | | | ļ | | | | | |
| | | | | - | | i | | | | | ļ | |
| | | | | -+- | - Paris Alice | | - | | | | ļ | |
| | | | | - | | | - | | | | | |
| | | | | | | | - | | | | ļ | |
| | | | | | | | · | | | | ļ | |
| | | | | | | | | | | | | |
| | | 1 | THE PROPERTY OF THE PROPERTY O | 1 | | | | | | | ļ | |
| | | | | 1 | | | | | | | | |
| | | | II I I I I I I I I I I I I I I I I I I | 1 | | | † | | | | ļ | |
| | | | ************************************** | 1 | | | ···· | | | | ļ | |
| | | | | + | | | | | | | | ANNUAL |
| | | I | | | | | | | | | | |
| | | | | 1 | | | | | | The first of the second | | |
| | | | | 1 | | | | | | | | |
| | | | | | | | | ······································ | | | | ************************************** |
| | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | *************************************** |
| | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | |
| | T | | | | | | | | | | | annual title annual title to the second of the second title to |
| | 1 | | | 1 | | | | | | | | THE RESERVE TO 1 1 1 HOUSE THE TAX IN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | 1 | | 1 | | | | | | | | |
| | | | //Additional region accessed to the control of the | † | | | | | | · | | ************************************** |
| | | | ************************************** | 1 | | | | | | | | |
| | | | | + | | | | | | | | |
| | | | | 1 | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | - | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

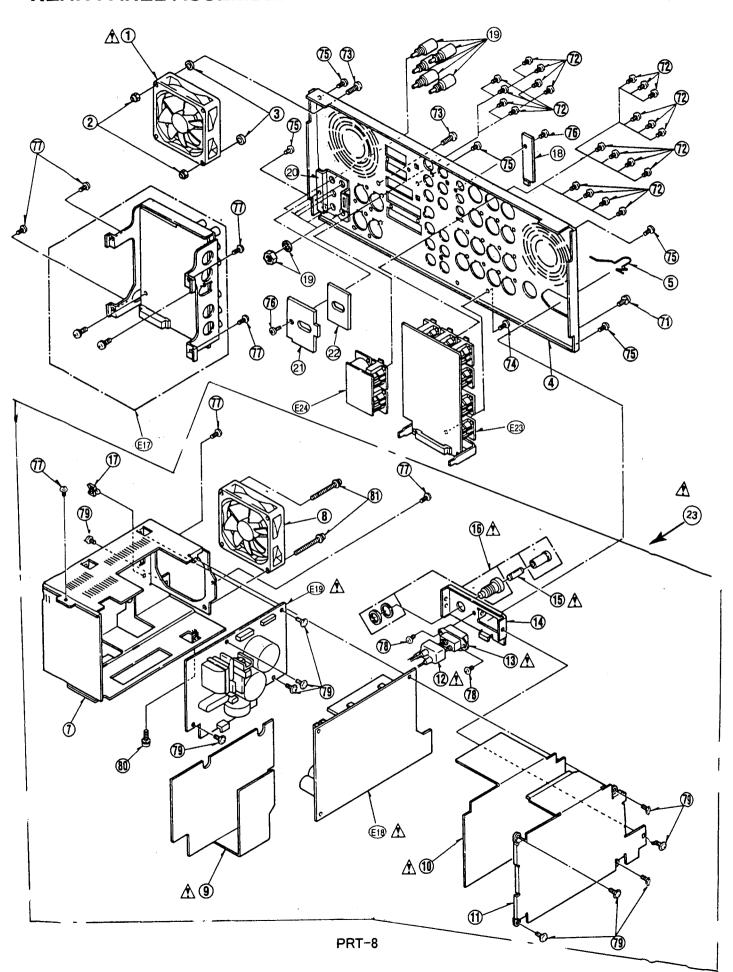


Components identified with the mark \triangle have the special characteristics for safety. When replacing any of these components, use only the same type.

REAR PANEL ASSEMBLY

| | Part No. | Part Name & Descriptio | rP C | Remarks | Ref. No. | Part No. | Part Name & Descriptio | rPc | s Remarks |
|-----|--------------|------------------------|----------------|--------------|--|--|------------------------|--|-------------|
| 1 | VRF0208 | FAN MOTOR | 1 | | | | | L | |
| 2 | VHN0063 | NYLON NUT | 2 | | -{} | | | ļ., | |
| 3 | VMX0835 | SPACER | 2 | | → } | | | | |
| 4 | VJH1099 | JACK PANEL | +- | | -i | - | | ļ | |
| 4 | VJH1100 | JACK PANEL | | FOR AJ-D940P | ┨┝── | - | | L | |
| 5 | | | | FOR AJ-D940E | | | | | |
| 7 | VML2903 | AC CORD HOOK | 1 | | | | | | |
| | VSC4387 | POWER SUPPLY CASE A | 1 | | _ | | | | |
| 8 | VRF0190 | FAN MOTOR | 1 | | _ L | | | | |
| 9 | VMZ2502 | SHIELD SHEET A | 1 | | | | | | |
| 10 | VMZ2503 | SHIELD SHEET B | 1 | | | | | | |
| 11 | VSC4388 | POWER SUPPLY CASE B | 1 | | | | | \vdash | |
| 12 | VMZ1252 | AC INLET COVER | 1 | | 1 | | | - | |
| 13 | VJP0083 | AC INLET | 1 | | | | | - | |
| 14 | VMP4889 | AC INLET BRACKET | 1 | | ┪┠─── | | | <u> </u> | |
| 15 | XBA1C50NB5 | FUSE | | FOR AJ-D940P | ┦├─── | | | | |
| 15 | | FUSE | _ | FOR AU-D940E | ┥┠ | | | | |
| 16 | VJF1005 | | | FOR AU-D940E | ┦ ├── | | | | |
| | | FUSE HOLDER | 1 | | | | | | |
| 17 | VJF0285 | WIRE LOCKING SADDLE | 1 | | | | | | |
| 19 | VJ\$4132 | CONNECTOR (FEMALE) | 1 | | | | | | |
| 20 | VMP5743 | SR HOLD BASE | 1 | | | | | _ | |
| 21 | VMP5744 | SR HOLD ANGLE | 1 | | 1 | | | - | |
| 22 | VMT0917 | SH HOLD CUSHION | 1 | | 11 | | | _ | |
| 23 | VEK8727 | POWER ASS'Y | 1 | | 11 | | | - | |
| | | | | | ┦├── | | | _ | |
| | | | - | | 11 | | | | |
| | | - | | | 11 | | | | |
| 7.1 | 14100100 | AAD-111 | | | 11 | | | \neg | |
| 71 | | SCREW | 1 | | | | | -1 | |
| 72 | | | 22 | | 11 | | | 1 | |
| 73 | XSN4+35FC | SCREW | 2 | | | | | \dashv | |
| 74 | XTN26+6FFZ | SCREW | 1 | | 11 | | | -+ | |
| 75 | | SCREW | 5 | | 11 | | | - | |
| | | SCREW | 2 | | 11 | | | - | |
| | | SCREW | 7 | | 11 | | | _ | |
| | | | _ | | | | | | |
| | | SCREW | 2 | | | | | Т | |
| | | | 10 | | | | | | |
| | | SCREW | 1 | | | | | _ | |
| 11 | XYNV4+K35FCS | SCREW | 2 | | | | | ╅ | |
| | | | T | | | | | + | |
| | | | 十 | | 11 | | | + | |
| | | | + | | | | | + | |
| 16 | VEP83417B | V/S JACK P. C. BOARD | 큠 | | | | | 1 | |
| | | | 1 | | | | | \perp | |
| | | | | | | | | \perp | |
| | | | 1 | | | | | \int | |
| | | | 1 | | | | | T | |
| 23 | VEP84304B | AES/EBU P. C. BOARD | 1 | | | | | T | |
| | | | ┙ | | | | | ナ | |
| | | | \Box \Box | | | | | + | |
| | | | T | | | | | + | |
| | | | \top | | | | | + | |
| | | | 1 | | | + | | +- | |
| | | | + | | | | | - | |
| | | | | | | | | 1 | |
| | | | + | | \vdash | | | 1 | |
| | | | + | | | | | J | |
| | ——— <u> </u> | | - | | | | | Γ | |
| | | | 1 | | T | | | \top | |
| | | | | | | | | 1 | |
| | | | | | | | | +- | |
| | | | Т | | | | | + | |
| | 1 | | \top | | ļ | | - | + | |
| | | | + | | | | | + | |
| | | | + | | | | | 4 | |
| | - | | + | | l | | | \perp | |
| -+ | | | + | | | | | 1 | |
| | | | + | | | | | | |
| | | | 1 | | | | | T | |
| | | | | | | | | 1 | |
| | | | Ĺ | | | | | - | |
| | | | T | | r + | | | + | |
| | | | T | | ├ | | | \vdash | |
| | + | | 1 | | J | | | 1- | |
| | | | +- | | - | | | L | |
| | | | - | | L | | | 1 | |
| | | | 1 | | | | | | |
| | | | L | | | | | 1 | |
| | | | 1 | | | | | 1- | |
| | | | T | | | | | \vdash | |
| | 1 | | - | | | | | - | |
| 1 | | | | | | | | | |

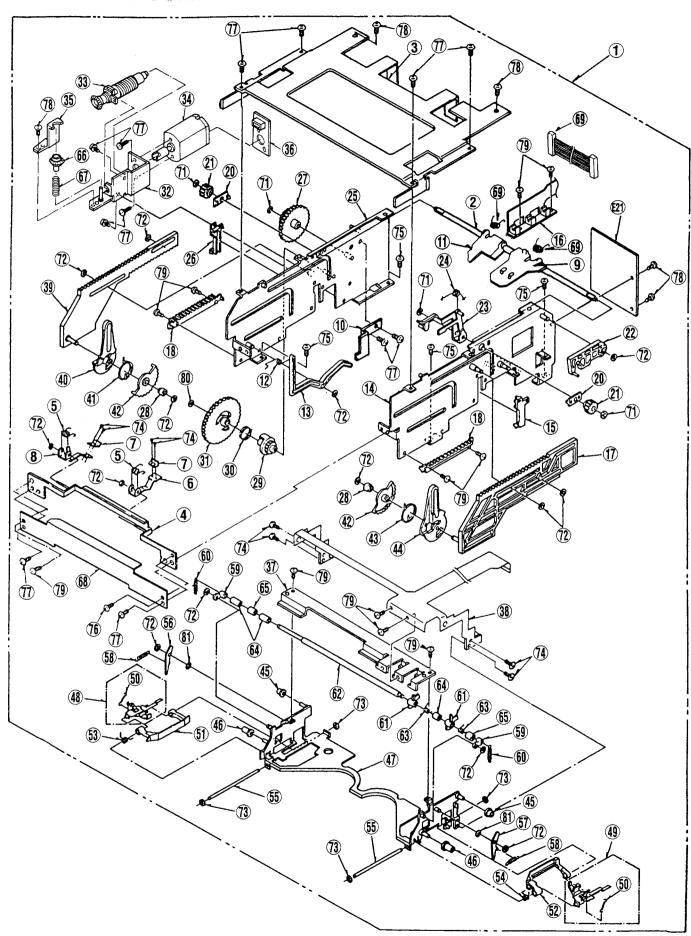
REAR PANEL ASSEMBLY



CASSETTE COMPARTMENT ASSEMBLY

| 1 | IT | | 1 | | 76 | XQN2+A2 | Part Name & Descriptio | 1 | cs Remarks |
|--|---------------------------------------|--|--|----------|--|---|--|--------------|---|
| 2 VNS5865 MAIN SHAFT 3 VMA9849 TOP PLATE 4 VXA5761 FRONT GUIDE 1 ASS' 5 VMB3075 M GUIDE SPRING 6 VML3191 M GUIDE RICHT LEVE 7 VML3192 M FRONT GUIDE 8 VML3190 M GUIDE LEFT LEVEF 9 VML3397 CASSETTE PROTECT P 10 VMA9760 L OPENER 11 VMA9760 L OPENER 12 VMB2926 SPRING 13 VML2A50 BLINDER PANEL OPEN 14 VXA6074 R SIDE PLATE 1 ASS 15 VML3282 SUB RAIL (R) 16 VEK7695 SIDE FLEXIBLE 17 VXA5766 MAIN RACK R ASS'Y 18 VDG1156 WIPER RACK 20 VDB1395 MAIN SHAFT ANGLE 17 VXA5766 MAIN SHAFT ANGLE 17 VXA5766 MAIN RACK R ASS'Y 18 VDG1156 WIPER RACK 20 VDB1395 SPRING 21 VDG1155 INTERLOCK GEAR 22 VML3193 OPENER DRIVE ARM 24 VMB2979 SPRING 25 VXA6072 SIDE PLATE L 1 ASS' 26 VML3281 SUB RAIL (L) 27 VDG1254 INTERLEDIATE GEAR 29 VDG1237 CLUTCH GEAR 29 VDG1237 CLUTCH GEAR 30 VMB2980 CLUTCH SPRING 31 VDG1236 WORM WHEEL 32 VXA5597 MOTOR ASS'Y 33 VXM2668 HOLDER PLATE 34 VXA5597 MOTOR ASS'Y 35 VMA9673 EMARGENCY ANGLE 36 VEK7793 MOTOR P. C. BOARD 37 VMA9668 HOLDER PLATE 38 VEK7715 HOLDER FLEXIBLE ASS 39 VXA6075 MAIN RACK (L) ASS'Y 40 VML2A49 WIPER ARM L 4 VMB2925 WIPER SPRING R 4 VMB2925 WIPER SPRING R 4 VMB2449 WIPER SPRING R 4 VMB2459 SIDE GUIDE ROLLE 6 VDP1641 CASSETTE GUIDE ROLLE 7 VXA5757 CASSETTE HOLDER ARM 14 VMB2499 SIDE GUIDE SPRING R 15 VVML3249 SIDE GUIDE SPRING R 16 VMB2450 SIDE GUIDE SPRING R 17 VMA249 SIDE GUIDE SPRING R 18 VMB3061 SLIDE GUIDE SPRING R 19 VMA2559 CASSETTE HOLDER ARM 10 VMB2450 SIDE GUIDE SPRING R 10 VMB3061 SLIDE GUIDE SPRING R 11 VMB3062 SLIDE GUIDE SPRING R 12 VMB3063 SLIDE GUIDE SPRING R 14 VMB2450 SIDE GUIDE SPRING R 15 VMB3061 SLIDE GUIDE SPRING R 16 VMB2987 CASSETTE HOLDER ARM 17 VMB2459 SIDE GUIDE ROLLE 17 VMA2559 CASSETTE HOLDER SPRING R 17 VMA2661 SLIDE GUIDE SPRING R 17 VMA2661 SLIDE GUIDE SPRING R 17 VMA2661 SLIDE GUIDE SPRING R 18 VMB2661 SLIDE GUIDE SPR | | | 7.00 | | | | | - 1 | 4 |
| VIMA9849 TOP PLATE | | | (M) | | 77 | XYN2+C3 | SCREW | 1 | 2 |
| 4 | | | | | 78 | XQN2+A3 | SCREW | + | 5 |
| VMB3075 | | | | | 79 | LMHD16064 | SCREW | 1 | 0 |
| VML3191 | | | | | 80 | XWGV2Y4G | WASHER | | 2 |
| VML3190 | | | | | 81 | XWGV2Z5G | WASHER | | 2 |
| WILLIAMS WILDE LEFT LEVER PO | | | | | | | | | 4 |
| WML3190 | · | | | | | | | 4 | |
| VML3397 | | | | | | | | 1 | |
| 10 | . TE | | | | | | | | |
| 12 | AIE | | | [6 | E21 | VEP80856A | CARRIGE P. C. BOARD | 7 | 1 |
| 13 | | 1 | | _11 | | | | 1 | |
| 14 | | 1 | | | | | | | |
| VML3282 SUB RAIL (R) | R | 1 | | | | | The second secon | 1 | |
| 16 | Y | 1 | | | | | | | |
| VEX.7695 SIDE FLEXIBLE | | 1 | | | | | | ٠. | |
| VXA5766 | | 1 | | | | | | 1 | |
| VDG1156 WIPER RACK VDG1155 MAIN SHAFT ANGLE VDG1155 INTERLOCK GEAR VMB2979 SPRING SPRING VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE ASS' Y VXL2692 OPENER ANGLE GEAR | | | | | | | | 1 | |
| VDB1395 | | | | | | | | Ī | |
| VDG1155 | | 2 | | | | 1 | | 1 - | |
| 2 | | 2 | | | | | | † | |
| VMB2979 SPRING | | 2 | | 11 | | 1 | | 1 | |
| VXL2692 | | 1 | | 11 | | | | ļ | |
| VXL2692 | | 1 | Complete Commence of the Comme | | | | | | . |
| SIDE PLATE L 1 ASS' | | 1 | | | | | | | |
| SUB RAIL (L) | , | + ; | 1. W | | | - | 1,17,18,1111111111111111111111111111111 | L | |
| 7 VDG1254 INTERMEDIATE GEAR 8 VDP1643 WIPER ROLLER 9 VDG1237 CLUTCH GEAR 10 VMB2980 CLUTCH SPRING 11 VDG1236 WORM WHEEL 12 VXA5848 MOTOR ANGLE (A) ASS 13 VXP1797 E.E. SLOT IN WORM AS 14 VXA5597 MOTOR ASS'Y 15 VMA9673 EMARGENCY ANGLE 15 VEK7793 MOTOR P. C. BOARD 16 VEK7793 MOTOR P. C. BOARD 17 VMA9668 HOLDER PLATE 18 VYA6075 MAIN RACK (L) ASS'Y 19 VML2A49 WIPER ARM L 19 VMB2925 WIPER SPRING L 19 VDG1163 WIPER ARM R 19 VMB2925 WIPER SPRING R 19 VML2A52 WIPER ARM R 19 VDP1641 CASSETTE GUIDE ROLLE 19 VDF1641 CASSETTE GUIDE ROLLE 19 VXA5757 CASSETTE HOLDER 1 AS 19 VXMA5759 ROD R 19 VMB3064 SLIDE SPRING 19 VML3249 SIDE GUIDE R 19 VML3249 SIDE GUIDE R 19 VML3249 SIDE GUIDE R 19 VML3249 SIDE GUIDE R 19 VML3249 SIDE GUIDE SPRING 19 VML3249 SIDE GUIDE SPRING 19 VML3250 SIDE GUIDE SPRING 19 VML3250 SIDE GUIDE SPRING 19 VML3250 SIDE GUIDE SPRING R 19 VMB3062 SLIDE GUIDE SPRING R 19 VMB3062 SLIDE GUIDE SPRING R 19 VMB3063 KICK OFF ROD SHAFT 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE HOLDER SPRING 19 VML2A53 CASSETTE PRESSURE ROL 20 VML2A55 CASSETTE PRESSURE ROL 20 VML2A55 CASSETTE PRESSURE ROL 20 VML2A55 CASSETTE PRESSURE ROL 20 VML2A55 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VML2A56 CASSETTE PRESSURE ROL 20 VM | | - !- | | | | | | [| |
| 8 | | 11 | | 11 | | 1 | | | |
| 9 VDG1237 CLUTCH GEAR 0 VMB2980 CLUTCH SPRING 1 VDG1236 WORM WHEEL 2 VXA5848 MOTOR ANGLE (A) ASS 3 VXP1797 E.E SLOT IN WORM AS 4 VXA5597 MOTOR ASS'Y 5 VMA9673 EMARCENCY ANGLE 6 VEK7793 MOTOR ASS'Y 7 VMA9668 HOLDER PLATE 8 VEK7715 HOLDER FLEXIBLE ASS 1 VXA6075 MAIN RACK (L) ASS'Y 1 VML2A49 WIPER ARM L 1 VMB2925 WIPER ARM L 2 VMB2915 WIPER SPRING L 3 VIME2452 WIPER ARM R 4 VMB2925 WIPER ARM R 4 VMB2925 WIPER ARM R 5 VML2A52 WIPER ARM R 6 VML2A53 WIPER GEAR 6 VMB3013 WIPER SPRING R 6 VML2A52 WIPER ARM R 6 VML2A55 WIPER ARM R 6 VML2A55 WIPER ARM R 6 VMB3064 SLIDE GUIDE SPRING R 6 VMB3064 SLIDE GUIDE SPRING R 6 VMB3065 SLIDE GUIDE SPRING R 6 VMB3061 SLIDE GUIDE SPRING R 6 VMB3062 SLIDE GUIDE SPRING R 6 VMB3063 SLIDE GUIDE SPRING R 6 VMB3064 SLIDE SPRING R 6 VMB3065 SLIDE GUIDE R 6 VMB3066 SLIDE GUIDE SPRING R 6 VMB3067 SLIDE GUIDE SPRING R 6 VMB2928 KICK OFF ARM L 6 VMB2928 KICK OFF ARM R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2928 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2928 KICK OFF SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE HOLDER SPRING R 6 VMB2927 CASSETTE PRESSURE ROL 6 VMB2927 CASSETTE PRESSURE ROL 6 VMB2927 CASSETTE PRESSURE ROL 6 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2927 CASSETTE PRESSURE ROL 7 VMB2928 CASSETTE PRESSURE ROL 7 VMB2929 CASSETTE PRESSURE ROL 7 VMB2929 CASSETTE PRESSURE ROL 7 VMB2921 CASSETTE PRESSURE ROL 7 VMB2921 CASSETTE PRESSURE ROL 7 VMB2921 CASSETTE PRESSURE ROL 7 VMB2921 CASSETTE PRESSURE R | | 1_1 | | 11 | | I | | | |
| VMB2980 | | 2 | | 11 | | 1 | | ļ · · · · | *************************************** |
| VDG1236 WORM WHEEL | | 1 | | 11 | | | 1 | | |
| VDG1236 WORM WHEEL | | 1 | | 11 | | . | | L | |
| 2 | | + : | | 1 | | ļ | | | |
| VXP1797 E.E. SLOT IN WORM AS VXA5597 MOTOR ASS' Y VMA9673 EMARGENCY ANGLE VEK7793 MOTOR P.C. BOARD VEK7793 MOTOR P.C. BOARD VMA9668 HOLDER PLATE VEK7715 HOLDER FLEXIBLE ASS VXA6075 MAIN RACK (L) ASS' Y VML2A49 WIPER ARM L VMB2925 WIPER ARM R VME2A52 WIPER ARM R VME2A52 WIPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VMPER ARM R VME3064 SLIDE SPRING R VMB3064 SLIDE SPRING R VMB3064 SLIDE SPRING R VMB3065 SLIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE PRESSURE ROL VMB3109 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMB2661 FRONT GUIDE COVER VMS067 CUT WASHER CUT WASHER VMS067 CUT WASHER CUT WASHER CUT WASHER CUT WASHER CUT WA | ·· ······· | 1:1 | | - [| | | | | |
| VXA5597 | | 1-:1 | | | | | | | |
| S | 1 | 14 | | . | | | | | |
| VEK7793 MOTOR P. C. BOARD VMA9668 HOLDER PLATE VEK7715 HOLDER FLEXIBLE ASS VXA6075 MAIN RACK (L) ASS'Y VML2A49 WIPER ARM L VMB2925 WIPER SPRING L VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 SLIDE GUIDE R VMB3064 KICK OFF RAM R VMB3065 KICK OFF ARM R VMB3065 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2927 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMS5882 CASSETTE HOLDER SPRING VMS5882 CASSETTE HOLDER SPRING VMS5882 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS2561 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0653 CUT WASHER VMX0667 CUT WASHER VMX1061 WASHER | | 1 | (M) | 11 | | | | ~ | |
| VMA9668 HOLDER PLATE VEK7715 HOLDER FLEXIBLE ASS VXA6075 MAIN RACK (L) ASS'Y VML2A49 WIPER ARM L VMB2925 WIPER SPRING L VDG1163 WIPER SPRING R VMB3013 WIPER SPRING R VMB2052 WIPER ARM R VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3061 SLIDE GUIDE SPRING R VMB3061 SLIDE GUIDE SPRING R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VMB2928 KICK OFF ARM L VML2A55 KICK OFF SPRING VML2A55 CASSETTE HOLDER ARM VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER SPRING VML2A53 CASSETTE HOLDER SPRING VMM255882 CASSETTE HOLDER SPRING VMM25589 CASSETTE PRESSURE ROL VMS2561 FRONT GUIDE COVER VMS3109 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0653 CUT WASHER VMX1061 WASHER | | 11 | | 11 | | | | | |
| VEX.7715 HOLDER FLEXIBLE ASS VXA6075 MAIN RACK (L) ASS'Y VML2A49 WIPER ARM L VMB2925 WIPER SPRING L VDG1163 WIPER SPRING R VMB3013 WIPER SPRING R VMB23013 WIPER SPRING R VMB2A52 WIPER ARM R VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 ASS VXA5758 ROD L VXA5759 ROD L VXA5759 SIDE GUIDE SPRING VMB3064 SLIDE SPRING VMB3064 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING L VMB3063 KICK OFF ARM L VMB24A54 KICK OFF ARM L VMB24A55 KICK OFF ARM L VMB24A55 KICK OFF SPRING VMB2927 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMS2833 ML DETECTION SPRING VMS2833 ML DETECTION SPRING VMS2833 ML DETECTION SPRING VMS2509 CASSETTE PRESSURE ROL VMS2601 FROM TWS2600 CASSETTE PRESSURE ROL VMS2601 FROM TWS2600 CASSETTE ROL | | 1 | |] [| | *************************************** | | | |
| VXA6075 MAIN RACK (L) ASS'Y VML2A49 WIPER ARM L VMB2925 WIPER SPRING L VDG1163 WIPER SPRING R VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VML2A52 WIPER ARM R VMD1641 CASSETTE GUIDE ROLLE VXDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM R VML2A55 KICK OFF ARM R VML2A55 KICK OFF ARM R VML2A55 CASSETTE HOLDER SPRING VML2A53 CASSETTE HOLDER SPRING VML2A53 CASSETTE HOLDER SPRING VMM2B303 ML DETECTION SPRING VMM2B303 ML DETECTION SPRING VMM2B3253 M-L DETECTION SPRING VMM2S5882 CASSETTE HOLDER SPRING VMM2559 CASSETTE PRESSURE ROL VMS2504 CASSETTE PRESSURE ROL VMS3109 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMXO653 CUT WASHER VMXO967 CUT WASHER VMXO967 CUT WASHER VMXO161 WASHER | | 1 | | | | | | | |
| VXA6075 MAIN RACK (L) ASS'Y VML2A49 WIPER ARM L VMB2925 WIPER ARM L VMB2925 WIPER SPRING L VDG1163 WIPER SPRING R VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VML2A55 KICK OFF ARM L VML2A55 KICK OFF SPRING VML2A55 KICK OFF SPRING VML2A55 CASSETTE HOLDER ARM VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER SPRING VML2A53 CASSETTE HOLDER SPRING VML2A55 ML DETECTION SOLLER VMS2833 ML DETECTION SOLLER VMS2833 ML DETECTION SPRING VMS25882 CASSETTE HOLDER SPRING VMS2589 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS2561 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0653 CUT WASHER VMX0667 CUT WASHER VMX0667 CUT WASHER VMX1061 WASHER | 1 | 1 | | 1 1 | | | | | |
| VML2A49 WIPER ARM L VMB2925 WIPER SPRING L VOG1163 WIPER SPRING R VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VMP1641 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM R VML2A55 KICK OFF ARM R VML2A55 KICK OFF ARM R VML2A55 CASSETTE HOLDER SPRING VML2A53 CASSETTE HOLDER SPRING VMB2928 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2928 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMD2559 CASSETTE PRESSURE ROL VMD22661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | · · · · · · · · · · · · · · · · · · · | 1 1 | | { | | | | | |
| VMB2925 WIPER SPRING L VDG1163 WIPER GEAR VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VML2A55 KICK OFF ARM L VML2A55 KICK OFF ARM R VML2A55 CASSETTE HOLDER ARM VML2A53 CASSETTE HOLDER SPRING VMB2928 KICK OFF SPRING VMB2928 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2928 CASSETTE PRESSURE ROL VMS5882 CASSETTE PRESSURE ROL VMS5882 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS2524 CASSETTE PRESSURE ROL VMS2524 CASSETTE PRESSURE ROL VMS3109 EMARGENCY SPRING VMS2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0653 CUT WASHER VMX0667 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 11 | | ł J | | | | | |
| VDG1163 WIPER GEAR VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 SLIDE GUIDE SPRING R VMB3064 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VML2A55 KICK OFF ARM R VML2A54 CASSETTE HOLDER ARM VML2A55 CASSETTE HOLDER SPRING VMB2928 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2928 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2559 CASSETTE PRESSURE ROL VMC2559 CASSETTE PRESSURE ROL VMC2524 CASSETTE PRESSURE ROL VMC25261 EMARGENCY SPRING VMC2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0653 CUT WASHER VMX1061 WASHER VMX1061 WASHER XON16+A2 SCREW | | | | | | | | - | y Italian and |
| VMB3013 WIPER SPRING R VML2A52 WIPER ARM R VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5758 PROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3060 KICK OFF ARM L VML2A54 KICK OFF ARM R VML2A55 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMB2928 CASSETTE HOLDER SPRING VMM2A55 M-L DETECTION ROLLER VMS3682 CASSETTE PRESSURE ROL VMS259 CASSETTE PRESSURE ROL VMC254 CASSETTE PRESSURE ROL VMC2561 FRONT GUIDE COVER VMC2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0653 CUT WASHER VMX0666 WASHER VMX1061 WASHER VMX1061 WASHER XON16+A2 SCREW | | 1-11 | | | | | | | |
| VML2A52 WIPER ARM R VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VML2A55 KICK OFF ARM L VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A55 CASSETTE HOLDER ARM VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER SPRING VML2A53 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMD2928 CASSETTE HOLDER SPRING VMD2559 CASSETTE PRESSURE ROL VMD254 CASSETTE PRESSURE ROL VMD254 CASSETTE PRESSURE ROL VMD254 CASSETTE PRESSURE ROL VMD1246 EMARGENCY GEAR VMD3109 EMARGENCY SPRING VM22661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0654 CUT WASHER VMX1061 WASHER VMX1061 WASHER | | 2 | | ł I | | | | | |
| VDP1642 CASSETTE GUIDE ROLLE VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VMB3064 SLIDE SPRING VMB3061 SLIDE GUIDE L VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB2063 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM R VML2A55 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VMB2928 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2928 CASSETTE HOLDER SPRING VMB2933 ML DETECTION SPRING VMB2933 ML DETECTION SPRING VMB2959 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMD2559 CASSETTE PRESSURE ROL VMD2546 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VM22661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0654 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 11 | | | | | | - 1 | |
| VDP1641 CASSETTE GUIDE ROLLE VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3063 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM R VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2928 CASSETTE PRESSURE ROL VMS5882 CASSETTE PRESSURE ROL VMS253 M-L DETECTION SPRING VMD2559 CASSETTE PRESSURE ROL VMD2524 CASSETTE PRESSURE ROL VMD21246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VM22661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0654 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 1 | | | | | | | |
| VXA5757 CASSETTE HOLDER 1 AS VXA5758 ROD L VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3249 SIDE GUIDE R VML3250 SIDE GUIDE SPRING L VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMS2833 ML DETECTION SPRING VMS2833 ML DETECTION SPRING VMS25882 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS254 CASSETTE PRESSURE ROL VMS254 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VM22661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | (2) | 2 | | | | | (A) (A) (A) (A) (A) (A) (A) (A) (A) (A) | | |
| VXA5758 ROD L VXA5759 ROD R VXB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VML2A54 KICK OFF ROD SHAFT VML2A55 KICK OFF ARM L VML2A55 CASSETTE HOLDER ARM VML2A53 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMS5882 CASSETTE HOLDER SPRING VMS5882 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS2524 CASSETTE PRESSURE ROL VMC2546 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMC2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX1061 WASHER | (1) | 2 | | | | | | -+ | |
| VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE R VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMB3062 SLIDE GUIDE SPRING R VML2A54 KICK OFF ADM SHAFT VML2A55 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF SPRING VMB2928 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMB2927 CASSETTE HOLDER SPRING VMS5882 CASSETTE HOLDER SPRING VMS5882 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS2559 CASSETTE PRESSURE ROL VMS259 CASSETTE PRESSURE ROL VMS2661 EMARGENCY SPRING VMS2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX1661 SCREW | γ | 1 | *************************************** | | | | *************************************** | | |
| VXA5759 ROD R VMB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING L VMS36108 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMS2833 ML DETECTION ROLLER VMS2833 M-L DETECTION SPRING VMS2559 CASSETTE PRESSURE ROL VMX2559 CASSETTE PRESSURE ROL VMX2560 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VML2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX164A2 SCREW | | 1 | | | | | | | er e constituir a rationale e esta constituir a |
| VMB3064 SLIDE SPRING VML3249 SIDE GUIDE L VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMS6108 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM C VML2A55 CASSETTE HOLDER ARM VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMX2833 ML DETECTION ROLLER VMS582 CASSETTE PRESSURE ROL VMS582 CASSETTE PRESSURE ROL VMS259 CASSETTE PRESSURE ROL VMC2524 CASSETTE PRESSURE ROL VMC2524 CASSETTE PRESSURE ROL VMC2561 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX1061 WASHER | | | | | | | | | |
| VML3249 SIDE GUIDE L VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMS6108 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2927 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VML2A53 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMS5882 CASSETTE PRESSURE ROL VMS259 CASSETTE PRESSURE ROL VMS254 CASSETTE PRESSURE ROL VMS109 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMS2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX1061 WASHER | | - | | | | | | T | |
| VML3250 SIDE GUIDE R VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMS6108 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRING VMS2833 ML DETECTION ROLLER VMS2833 ML DETECTION ROLLER VMS2836 CASSETTE HOLDER SHAFT VMS2837 ML DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMS254 CASSETTE PRESSURE ROL VMS1046 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX1061 WASHER | | 2 | | · | | | | 1 | |
| VMB3061 SLIDE GUIDE SPRING L VMB3062 SLIDE GUIDE SPRING R VMS6108 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRIN VMS2833 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMS2553 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2554 CASSETTE PRESSURE ROL VMX25661 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER VMX1061 WASHER | | 1 | N Change and the control of the cont | 1 | | 1 | | 1 | |
| VMB3062 SLIDE GUIDE SPRING R VMS6108 KICK OFF ROD SHAFT VML2A54 KICK OFF ARM L VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRIN VMS2833 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMS253 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VMX2561 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMB3109 FRONT GUIDE COVER VMC0653 CUT WASHER VMC0653 CUT WASHER VMC0967 CUT WASHER VMC1061 WASHER VMC1061 WASHER | | 1 | |] | | | | | |
| VMS6108 VML2A54 VML2A54 VML2A55 KICK OFF ARM L VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R VMB2928 KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM R KICK OFF ARM L KICK O | | 1 | | 1 | ······································ | | | | |
| VML2A54 VML2A55 VML2A55 VML2A55 VML2A55 VML2A53 VML2A53 VML2A53 VML2A53 VML2A53 VML2A53 VML2A53 VML2B227 VML2A53 VML2B227 VML2B23 VML2B23 VML2B23 VML2B23 VML2B23 VML2B25 VMB3253 VML2DETECTION SPRING VMX2559 CASSETTE HOLDER SHAFT VMX2554 CASSETTE PRESSURE ROL VMC2524 CASSETTE PRESSURE ROL VMC2524 VMB3109 EMARGENCY GEAR VMB3109 VML2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 1 | | | | | | | MARY |
| VML2A54 VML2A55 VML2A55 VML2A55 VMB2928 VML2A53 VMB2928 VML2A53 VMB2927 CASSETTE HOLDER ARM VMB2927 VMX2833 ML DETECTION ROLLER VMB3253 ML-DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2559 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VMX2561 FRONT GUIDE COVER VMX2661 VMX2661 CUT WASHER VMX0653 CUT WASHER VMX1061 WASHER VMX1061 VMX1061 VMXSHER | | 2 | | | | | | | |
| VML2A55 KICK OFF ARM R VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRIN VMX2833 ML_DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMB3253 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 1 | ************************************** | J | | | | _ | |
| VMB2928 KICK OFF SPRING VML2A53 CASSETTE HOLDER ARM VMB2927 CASSETTE HOLDER SPRIN VMX2833 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMS5825 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMC2524 CASSETTE PRESSURE ROL VMG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | i | | ļ | | | | | |
| VML2A53 VMB2927 CASSETTE HOLDER ARM VMS2833 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMS2559 VMX2559 CASSETTE PRESSURE ROL VMS254 CASSETTE PRESSURE ROL VMS1046 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 2 | | | | | | 1 | |
| VMB2927 CASSETTE HOLDER SPRIN VMX2833 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMB3253 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VMD1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VM22661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | | NAME OF TAXABLE PARTY. | Water 1997 A. | J | | | | I | |
| VMX2833 ML DETECTION ROLLER VMS5882 CASSETTE HOLDER SHAFT VMB3253 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VMD1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 2 | | | | | | 1 | |
| VMS5882 CASSETTE HOLDER SHAFT VMB3253 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | <u> </u> | 2 | | 1 | | | | | |
| VMB3253 M-L DETECTION SPRING VMX2559 CASSETTE PRESSURE ROL VMX2524 CASSETTE PRESSURE ROL VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | | 2 | | 1 | | | | | · · · · · · · · · · · · · · · · · · · |
| VMX2559 CASSETTE PRESSURE ROL VIXV2524 CASSETTE PRESSURE ROL VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW |] | 1 | | I | t | | | 1- | |
| VMX2524 CASSETTE PRESSURE ROL VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON164A2 SCREW | | 2 | | | | | | + - | |
| VMX2524 CASSETTE PRESSURE ROL VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | ER(2) | 3 | | | | | | 1- | w |
| VDG1246 EMARGENCY GEAR VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XQN16+A2 SCREW | | 1 | | | | | | . | *************************************** |
| VMB3109 EMARGENCY SPRING VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER X0N164A2 SCREW | | 1 | | [| | | | 1 | |
| VMZ2661 FRONT GUIDE COVER VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON164A2 SCREW | | -:- | | ļ | | | | 1 | |
| VMX0653 CUT WASHER VMX0967 CUT WASHER VMX1061 WASHER XON164A2 SCREW | | -;} | | | | | | 1 | |
| VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 1 | | | | | | 1 | |
| VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | <u>l</u> | | | | | | | † | *** |
| VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | | 1 | | | | | | | |
| VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | 1 | | | | | | | ļ., | |
| VMX0967 CUT WASHER VMX1061 WASHER XON16+A2 SCREW | ··· | 4 | | | | | | ļ | |
| VMX1061 WASHER XON16+A2 SCREW | | | | | | | | 1 | The many many |
| XON16+A2 SCREW | | 14 | | | | | | 1 | . Out to consume an arguing |
| | | 4 | | | | | | I | *************************************** |
| | | 8 | and the same of th | | | | | ļ | |
| | L | 4 | | | T | | | | 1100 mm 1 1000 1000 1000 1000 1000 1000 |
| | T | | | | · · · · · · · · · · · · · · · · · · · | | | ł | |

CASSETTE COMPARTMENT ASSEMBLY

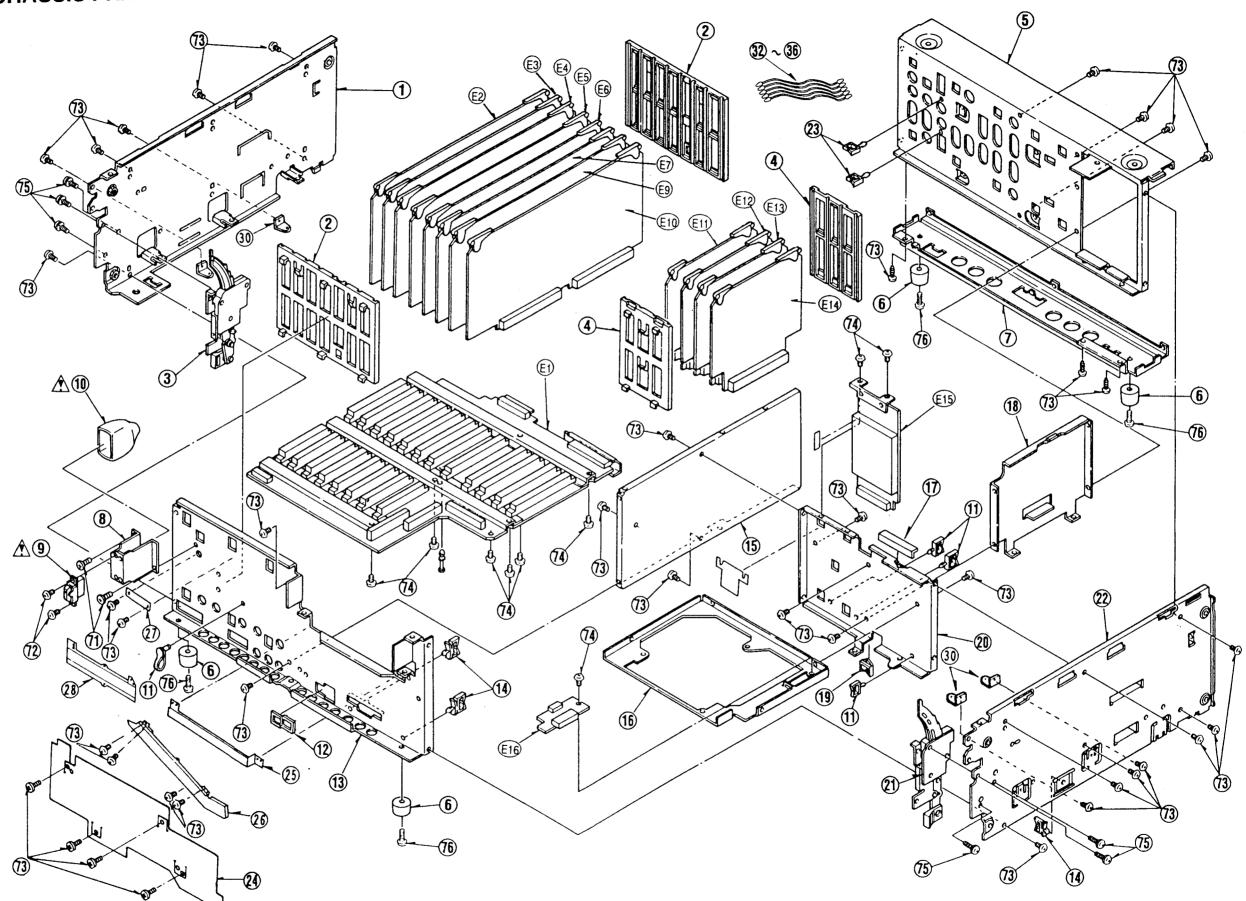


Components identified with the mark \triangle have the special characteristics for safety When replacing any of these components, use only the same type.

CHASSIS FRAME ASSEMBLY

| | o. Part No. | Part Name & Description | orPc | Remarks | Ref. No. | Part No. | Part Name & Description | rPc | s Remarks |
|-----|--------------|---------------------------------------|---------------|--|-------------|----------|-------------------------|--------------|-------------|
| | VMP4871 | LEFT SIDE FRAME | +; | | | | | + | |
| | VGQ4011 | P. C. BOARD GUIDE RAIL A | 1 2 | | | | | - | + |
| | VY01258 | ROTARY BRACKET L | 1 | | | | | 1 | 1 |
| | VGQ4012 | P. C. BOARD GUIDE RAIL B | 1 2 | ļ | <u> </u> | | • | + | |
| | VMP4877 | REAR FRAME | 1 | | L | | | ┸ | |
| | VKA0117 | | - | | | | | L | |
| | ~ | PLASTIC FOOT | 4 | | | | | | |
| | VMP4878 | BOTTOM FRAME | 1 | | | | | | |
| | VMP4881 | SW BRACKET | 1 | | | | | | 1 |
| | EST15372T | POWER SWITCH | 1 | FOR AJ-D940P | | | | 1- | |
| | EST15367S | POWER SWITCH | 1 | FOR AJ-D940E | | | | - | |
| 0 | VMZ0580 | SW COVER | 1 | | | | | - | |
| 1 | VJF0285 | WIRE LOCKING SADDLE | 4 | | | · | | _ | |
| 2 | VJF1259 | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| | | EDGE HOLDER | 1 | | | | | | |
| 3 | VMP4876 | FRONT FRAME | 1 | | | | | | |
| 4 | VJF0004 | WIRE SADDLE | 3 | | | | | ✝ | 1 |
| 5 | VMP4873 | CENTER FRAME | 1 | | | | | + | |
| 3 | VXA5550 | MECHANISM FRAME ASS'Y | 1 | | | | | - | |
| 7 | VGF0715 | BARRIER (B) | 1 | | | | | ↓_ | |
| 3 | | | + | | | | | | |
| | VMP4874 | CENTER SUB FRAME | 1 | | | | | L | |
|) | VGQ1543 | EDGE GUARD | 1 | | | | | | |
| | VMP4875 | MIDDLE FRAME | 1 | | | | | | |
| | VYQ1259 | ROTARY BRACKET R | 1 | | | | | | |
| ! | VMP4872 | SIDE FRAME R | 1 | | | | | <u> </u> | |
| 1 | VJF0384 | CLAMPER | 2 | | | | | | |
| | VSC4528 | PROTECT SHEET | 1 | | | | | Ш | <u> </u> |
| | | | | [| | | | | L |
| | VMP5264 | FPC SHIELD COVER | 1 | | | | | | <u> </u> |
| | VMT0609 | GASKET | 1 | | | | | | |
| | VMP5285 | BOTTOM FRAME ANGLE | 4 | | | | | | |
| | VGF0714 | BARRIER (A) | 1 | | | | | | |
| | | | П | | | | | | |
| | | | | | | | | _ | |
| | | | \vdash | | | | | | |
| | 18185848 | | | | | | | - 1 | |
| | VHD5013 | SCREW | 2 | | | | | | |
| | XTN3+6F | SCREW | 2 | | | | | _ | |
| | XTV3+6F | SCREW | 27 | | | | | + | |
| | XTV3+6FFR | SCREW | 9 | | | | | | |
| | XYN3+C6 | SCREW | 8 | | | | | - | |
| | XYNV3+K12S | SCREW | 4 | | | | | 4 | |
| | A1843-K123 | JONEN | 4 | | | | | | |
| | | | - | | | | | I | |
| | ļ | | i | | | | | T | |
| | | | | | | | | 7 | |
| | VEP80A96A | MOTHER P. C. BOARD | 1 | | | | | \dashv | |
| | VEP82221A | F1 SERVO P. C. BOARD | 1 | | | | | + | |
| | VEP862848 | F2 SYSCON P. C. BOARD | - 1 | | | | | -+ | |
| | VEP83444A | F3 NON TRK P. C. BOARD | 1 | | | | | 4 | |
| | VEP83452A | F4 SDI MAIN P. C. BOARD | 1 | | | | | 4 | |
| | VEP83453A | | | | | | | | |
| | | F5 PB P. C. BOARD | 1 | | | | | T | |
| | | F6 VIDEO OUT P. C. BOARD | 1 | | | | | \top | |
| | | F7 A PROCESS P. C. BOARD | 1 | | | | | + | |
| | VEP84301C | F8 A AD/DA P. C. BOARD | 1 | | | | | + | |
|) | VEP84302B | H1 CUE P. C. BOARD | 1 | | | - | | + | |
| -13 | | H2/H3/H4 EQ P. C. BOARD | 3 | | | <u> </u> | | _ | |
| | VEP85174A | HEAD BUFFER P. C. BOARD | | —————————————————————————————————————— | | | | 1 | |
| | | | 1 | IL | | | | | |
| | VEP80991A | AC HEAD IF P. C. BOARD | 1 | | | | | Τ | |
| | | | \perp | | | | | \top | |
| | | | $\Box \Gamma$ | | | | | + | |
| | | | T | | | | | + | |
| | | | \top | | | | | + | |
| | ļ | | + | | | | | 1 | |
| | | | + | | | | | \perp | |
| | | | - | | | | | Г | |
| | | | \perp | | | | | 1 | |
| | | | | | | | | † | |
| | | | T | | | | | + | |
| | | - | + | | | | | - | |
| | | | + | | | | | + | |
| - | | | + | | | | | 1 | |
| | | | + | | | | | | |
| | | | \perp | | | | | T | - |
| | | | [_ | | | | | + | |
| | | | 1 | | | + | | +- | |
| | | | + | | | | | + | |
| | | | + | | | | | \perp | · |
| | | | + | | | | | 1 | |
| | | | \perp | | | | | T | |
| l | 1 | | | | | | | t | |
| | | | \top | | | | | + | |
| ' | | | | | | 1 | | 1 | |
| | | | | | | | | + | |

CHASSIS FRAME ASSEMBLY

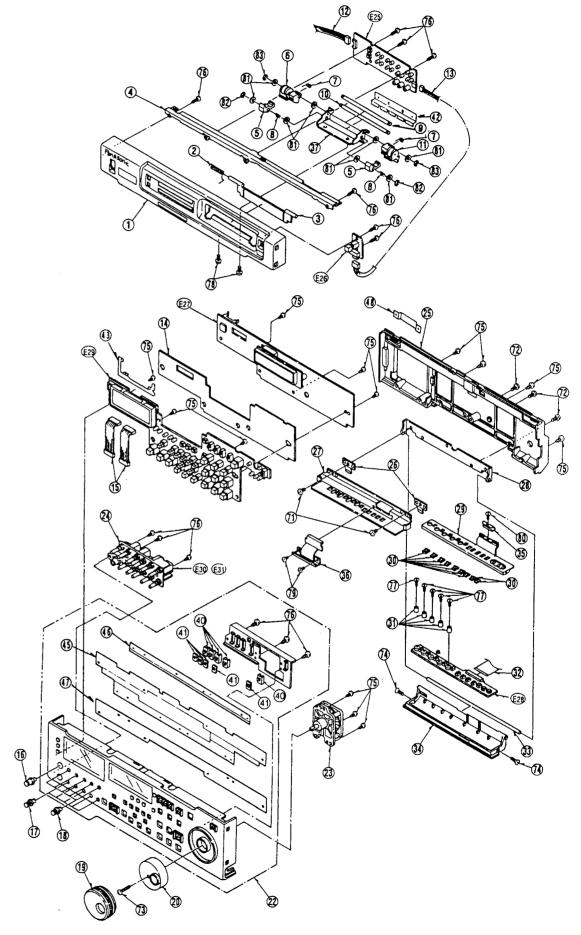


FRONT PANEL ASSEMBLY

| | No. Part N | o. Part Name & Descrip | CIOIL | es Remarks | Ref. No. | Part No. | Part Name & Description | Pcs | Remarks |
|----------|----------------------|--|---------------|----------------|--|--------------|-------------------------|----------|---------|
| 1 | VYP7122 | UPPER FRONT PANEL 1 AS | S Y | 1 FOR AJ-0940P | | | | | |
| 1 | VYP7130 | UPPER FRONT PANEL 1 AS | S'Y | 1 FOR AJ-D940F | | | | _ | |
| 2 | VMB2923 | BLINDER SPRING | | 1 | | | | | |
| 3 | VKF3034 | BLINDER PANEL | | 1 | | | | | |
| 4 | VMP4864 | UPPER FRONT PANEL ANGL | E | 1 | | | | H | |
| 5 | VDK0147 | CASSETTE GUIDE CAM | | 2 | | | | H | |
| 6 | VGQ4009 | CASSETTE GUIDE (L) | | 1 | | | | \vdash | |
| 7 | VMB2922 | CASSETTE GUIDE SPRING | | 2 | | | | | |
| 9 | VMB2986
VMS5864 | CAM SPRING | _ | 2 | | | | | |
| 10 | VMS6017 | CASSETTE COVER GUIDE CAM SHAFT | | 1 | | | | | |
| 11 | VGQ4010 | CASSETTE GUIDE (R) | | 1 | | | | | |
| 12 | VEE9649 | UP FRONT CONNECTION CAR | \rightarrow | 1 | | | | | |
| 13 | VEE9650 | UP FRONT CONNECTION CAR | | 1 | | | | _ | |
| 14 | VMZ2501 | INSULATION SHEET | | 1 | | | | - | |
| 15 | VEE9640 | FRONT SW CABLE | \top | 2 | | | | - | |
| 16 | VGU5334 | LEVER VR KNOB | | 1 | | | | + | |
| 17 | VXU0768-1 | VR KNOB ASS' Y | | 5 | | | | + | |
| 19 | VGU5780 | SEARCH DIAL COVER | \perp | 1 | | | | + | |
| 20
22 | VGU8126 | SEARCH DIAL KNOB | 1 | | | | | + | |
| 23 | VYP7124
VSP1118 | LOWER FRONT PANEL 1 ASS
SEARCH DIAL | - | | | | | + | |
| 24 | VMP4860 | VR ANGLE | - | | | | | | |
| 25 | VKU0513 | BACK COVER | -+- | FOR AJ-D940P | | | | | |
| 25 | VKU0524 | BACK COVER | _ | FOR AJ-D940E | | | | I | |
| 26 | VMB2978 | LEAF SPRING | 1 2 | | | | | \perp | |
| 27 | VGM1288 | SUB CONTROL SUPPORT ANGL | | | | | | \perp | |
| 8 | VGM1287 | SUB CONTROL ANGLE | 1 | | - | | | + | |
| 9 | VGM1564 | SUB SW ANGLE | 1 | | 11 | | | + | |
| 10 | VGU7179 | SLIDE SW KNOB | 10 | | 7 | | | + | |
| 1 | VGU8077 | VR KNOB | 5 | | | | | + | |
| 3 | VWJ28C2120 | LO FR CPU SUB FFC | 1 | | | | | + | |
| 4 | VKF2497 | SHAFT
SUB SW DOOR | 11 | | | | | + | |
| 5 | VMC1241 | EARTH PLATE | 1 | | | | | \top | |
| 6 | VMP5091 | EARTH PLATE SUB | + 1 | | + | | | | |
| 7 | VMP4863 | CASSETTE GUIDE ANGLE | 1 | | | | | 1_ | |
| 8 | VMC1277 | HEAD PHONE EARTH SPRING | 1 | | ┧├ | | | \perp | |
| • | VMZ2671 | SPACER | 1 | | | | | \perp | |
| | VGU5287 | SLIDE KNOB | 5 | | 11 | | | \perp | |
| | VGF 0659 | SLIDE KNOB SHEET | 5 | | 11 | | | + | |
| | | | | | | | | + | |
| | | | \bot | | | | | +- | |
| | XSB3+6FZ | LOOPEW | \sqcup | | | | | + | |
| | XSB3+8FZ
XSB3+8FZ | SCREW | 2 | | | | | \vdash | |
| | XSN2+8 | SCREW | 3 | | | | | | |
| | XSS26+6FZ | SCREW | 1 2 | | | | | | |
| | XTN4+10G | SCREW | 13 | | l — — — | | | | |
| | XTV3+8G | SCREW | 16 | | | | | | |
| | XQN14+C4 | SCREW | 5 | | | | | | |
| | XTV3+8F | SCREW | 2 | | | | | - | |
| | XSN2+3 | SCREW | 2 | | | | | | |
| | XSN26+3 | SCREW | 1 | | | | | - | |
| | VMX 2562 | WASHER | 8 | | | | | | |
| | XUC2FP
XUC25FP | E-RING | 2 | | | | | _ | |
| | 1402251 | E-RING | 2 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | _ | |
| | VEP80A52B | UP FRONT 1 P. C. BOARD | 1 | | | | | | |
| | | UP FRONT 2 P. C. BOARD | # | | | | | | |
| | | FRONTUP FRONT 1 P. C. BOARD | 1 | | | | | | |
| | VEP86148D | FRONT CPU SUB P. C. BOARD | 1 | | | | | | |
| | | FRONT SW P. C. BOARD | 1 | | | | | | |
| | | FRONT VR 1 P. C. BOARD | 1 | | | | | | |
| | VEP80B00A | FRONT VR 2 P. C. BOARD | 1 | | | | | | |
| \dashv | | | _ | | | | | | |
| | | | 1 | | | | | | |
| | | | | | | | | | |
| -+ | | | \perp | | | | | | |
| | | | + | | | | | | |
| -+ | | | +- | | | | | | |
| | 1 | | 1 | 11 | | | | | |
| -+ | | | + | I | | | | | |

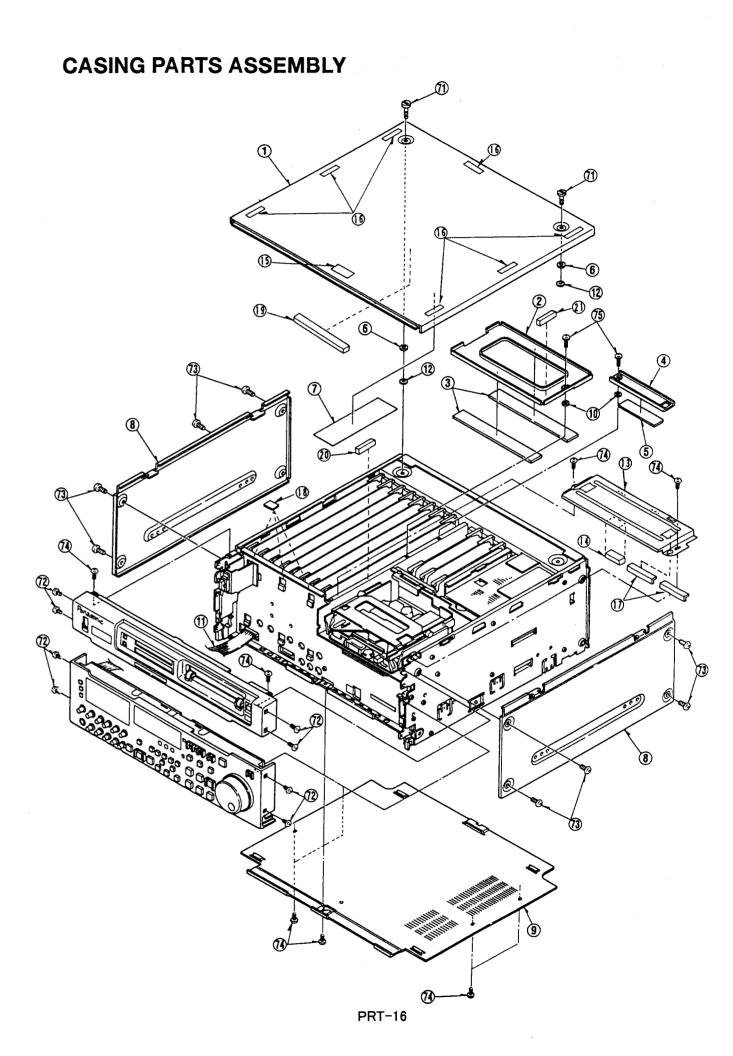
PRT-13

FRONT PANEL ASSEMBLY



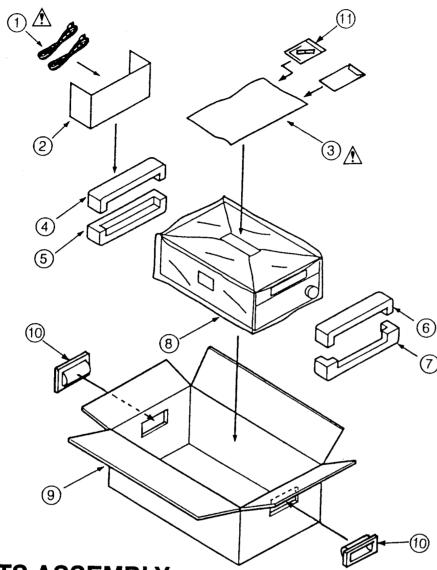
CASING PARTS ASSEMBLY

| Ref.No. | Part No. | Part Name & Description | Pcs Remarks | Ref.No. | Part No. | Part Name & DescriptionP | cs Remarks |
|-----------------------------|---|--|--|--|----------|--|--|
| | VG M 1270 | TOP PANEL | 1 | | | | |
| | VMP4884 | P. C. BOARD PLATE L | 1 | | | | |
| | | P. C. BOARD RUBBER CUSHION L | 2 | | | | ACCES TO SECURITY OF THE PROPERTY OF THE PROPE |
| | | P. C. BOARD PLATE S | 1 | | | | |
| | VMX2512 | P. C. BOARD RUBBER CUSHION S | 1 | | | | |
| | | SPACER | 2 | | | | |
| | VMZ2310 | TOP PANEL BARRIER | 1 | | | | |
| | | SIDE PANEL | 2 | | | | |
| | | BOTTOM PLATE | 1 | | | | |
| | | NYLON WASHER | 2 | #- #7#m# ## -#7 #7 -#77# 111 114 1 | | | |
| | | FRONT CABLE | 1 | | | | |
| | | WASHER | 2 | | | | |
| | | CARRIAGE SUPPORT | 1 | | | ACAMA ANALAS SASTAN DE PERSONAL PROPERTIES DE CONTRACTOR D | |
| | | GASKET C | 1 | | | | |
| | | GASKET C | 3 | | | | |
| | | DUST PROOF CUSHION (B) | 1 | | | | |
| | VMT0786 | DUST PROOF CUSHION (C) | 1 | | | | |
| | VMT0890 | DUST PROOF CUSHION (C) | 1 | | | | |
| | VM10030 | DOST FROM COSHTON (C) | | | | | |
| | | | | # - 1-, -11, -18 p | | | |
| | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | The second secon | |
| 71 | VHD0274 | SCREW | 2 | l | l | | |
| | | SCREW | 8 | | | | |
| TIT SOMEONE WINDS THE TOTAL | | SCREW | 8 | ************************************** | | TV TAKE BERMIND THE THE PROPERTY AND AND AND AND AND AND AND AND AND AND | |
| | | SCREW | 5 | | | | |
| | | | 2 | | | | |
| 75 | XYN3+K8 | SCREW | | | | | |
| | | ************************************** | | | | | |
| | | | | | | | |
| | | | | . | | | |
| | | CALIFIC CONTRACTOR MANAGEMENT CONTRACTOR CON | | | | manana mina di Manana anno manana manana anno anno anno | and the second s |
| | | | | l | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| -100-1 | | THE RESIDENCE OF THE PROPERTY | | | | | |
| | | | | l | | The second secon | |
| | | | | 1 | | | |
| A | | | | | | | |
| | | | | | | | |
| ., | | 201.001.001.001.001.001.001.001.001.001. | | | | | |
| | *************************************** | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | | |
| | | | The state of the s | | | | |
| | | | | | | | |
| | | | | | | | and the second s |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | and the state of t |
| | | | | | | | |
| , | · | | | | | ~ | |
| | | | | | | | |
| | | | | | | and a second of the second of | |
| | | The state of the s | | | | | |
| | | | | | | | |
| | | | | | | anno la dano de 1, e e e e e e e e e e e e e e e e e e | |
| | | | | | | | |
| | | | | | | | |
| | | | | <u></u> | | | |
| | | | | | | took at the second control of the second con | |
| | | | | | | | |
| | | | | | | NAMES AND ADDRESS OF THE PROPERTY OF THE PROPE | and the second s |
| | | | | | | | |
| | l | | | | | and the second s | |
| | | | | | | | |
| | | | | | | | |
| | I | | | | | | |
| | | | | 1 | | | |
| | | | | | | | 1 |
| | | ANNA CONTRACTOR OF THE CONTRAC | | | | | |
| | | | | | | | |
| | | | | | | | |



PRT-15

PACKING PARTS ASSEMBLY



PACKING PARTS ASSEMBLY

| | | Part Name & Descripti | 7 | Remarks Remarks | Ref. No. | Part No. | Part Name & Descripti | onPcs | Remarks |
|-----|-----------|------------------------|----|------------------|--|--------------|-----------------------|---------------|---------|
| 1 | VJA0488 | POWER CODE | 1 | FOR AJ-D940P | | | | | |
| . 1 | VJA0774 | POWER CODE | - | FOR AJ-D940E(E) | | | | | |
| . 1 | VJA0775 | POWER CODE | _ | FOR AJ-D940E (B) | | - | | | |
| 2 | VPN4305 | ACCESSORY PAD | 1 | | ┨├── | | | | |
| 7 3 | VQT7952 | OPERATING INSTRUCTIONS | 1 | FOR AJ-D940P | ┥├ | | | | |
| 7 3 | VQT7953 | OPERATING INSTRUCTIONS | - | FOR AJ-D940E | ┨├─── | | | $\perp \perp$ | |
| 4 | VPN4302 | CUSHION UL | 1 | 7. 41. 10 00402 | ┨├── | | | | |
| 5 | VPN4304 | CUSHION LL | 1 | | - | | | | |
| 6 | VPN4606 | CUSHION UR | 1 | | - } | | | | |
| 7 | VPN4607 | CUSHION LR | 1 | | ┪┠─── | | | | |
| 8 | VPF0271 | POLYETHYLENE BAG | 1 | FOR AJ-D940P | | | | | |
| 8 | VPF 06 73 | POLYETHYLENE BAG | + | FOR AJ-D940E | | | | | |
| 9 | VPG9734 | PACKING CASE | + | FOR AJ-D940P | ┨┠╼╌╼╌┤ | | | | |
| 9 | VPG9735 | PACKING CASE | ++ | FOR AJ-D940E | 1 ├──── | | | | |
| 10 | VPF0149 | HANDLE | 2 | | ┦ ├────┼ | | | | |
| 11 | VXF0151 | EMERGENCY EJECT ASS'Y | 1 | | | | | | |
| | | | | | ┨┠╸╶ | | | | |
| | | | | | 11 | | | | |
| | | | | | 1 ├───┼ | | | | |

ELECTRICAL REPLACEMENT PARTS LIST

| Ref.No. | Part No. | Part Name & Description | nPc | s Remarks | Ref.1 | No. Part No | . Part Name & Descripti | ionP | cs Remarks |
|--------------|------------|--|----------------|--|------------------|-------------------------|--|--------------|---|
| ■ £1 | VEP80A96A | MOTHER P. C. BOARD | | (RTL) | ■ E1 | VEP80A96A | MOTHER P. C. BOARD | | 1 (RTL) |
| ■ E2 | VEP82221A | F1 SERVO P. C. BOARD | - | I (RTL) | | | | | 1 (112) |
| | | | 1 | | P001-0 | 6 VJS3814 | CONNECTOR (FEMALE) | | |
| E3 | VEP86284B | F2 SYSCON P. C. BOARD | | (RTL) | P007-1 | | CONNECTOR (FEMALE) | | 6 |
| | ļ | | | PH-A | P011-2 | | CONNECTOR (FEMALE) | | 10 |
| E4 | VEP83444A | F3 NON TRK P.C.BOARD | 1 | (RTL) | P021 | VJP2891B01 | | -+- | 11 |
| | VEP88234M | NON TRK SUB P.C. BOARD | 1 | (RTL)FOR VEP83444A | P022 | VJP1248T | CONNECTOR (MALE) 8P | , | 1 |
| E5 | VEP83452A | EA COL HAIR D. C. DOLOD | 1. | | P023 | VJP2891A030 | | + | 11 |
| _ LJ | VEF-03432A | F4 SDI MAIN P.C.BOARD | 13 | (RTL) | P024 | VJP3418A080 | | | 1 |
| ■ E6 | VEP83453A | E5 DD D C D01D0 | - | | P025 | VJP2824B003 | | | 1 |
| | VEP88234L | F5 PB P.C.BOARD PB SUB P.C.BOARD | ┦! | (RTL) | P026 | VJP2824B010 | CONNECTOR (MALE) | | 1/ |
| Ī | VEP88235B | V BLK SUB P. C. BOARD | ┤-¦ | (RTL)FOR VEP83453A | P027 | VJP2824B008 | (| T | 1 _i |
| | 1.0 002000 | T DER GOD F. C. BOAND | | (RTL)FOR VEP83453A | P029, 30 | | | I | 2 |
| ■ E 7 | VEP83454B | F6 VIDEO OUT P. C. BOARD | ١, | /DT \ | P031 | VJP3080 | CONNECTOR (MALE) | | 1 |
| | 1 | TO THE OUT TO BOARD | ' | (RTL) | P032 | VJP1230T | CONNECTOR (MALE) 3P | | 1 |
| ■ E8 | VEP84326C | F7 A PROCESS P.C.BOARD | 1 | (RTL) | P033
P777 | VJP3375A060
VJP1231T | CONNECTOR (MALE) CONNECTOR (MALE) 4P | | 1 |
| ■ E9 | VEP84301C | F8 A AD/DA P.C.BOARD | Ι, | (DT.) | | | | + | F |
| | | TO TO TO TO TO TO TO TO TO TO TO TO TO T | | (RTL) | | | MISCELLANEOUS | | |
| E10 | VEP84302B | H1 CUE P. C. BOARD | 1 | (RTL) | 11 | VKC0392 | SPACER | + | , |
| | WEBAS | | | | | VMP4868 | XLR GUIDE ANGLE (B) | +: | 1 |
| ■ E11-13 | VEP85177A | H2/H3/H4 EQUALIZER P. C. BOARD | 1 | (RTL) | | VMP5641 | MOTHER ANGLE (A) | + | |
| E14 | VEDOF174 | | | | | VMP5642 | MOTHER ANGLE (B) | 1 | |
| I E14 | VEP85174A | HEAD AMP P. C. BOARD | 1 | (RTL) | | VMP5643 | MOTHER ANGLE (C) | 1 | |
| I E15 | VEP80991A | A/C HEAD L/E D A DALES | | | | XYE3+EF8FZ | SCREW | 10 | |
| | -LI 00331A | A/C HEAD I/F P.C.BOARD | 1 | (RTL) | | XTV26+6F | SCREW | 2 | |
| I E16 | VEP83417B | V/S JACK P.C.BOARD | | (Am.) | | XSN26+8FZ | SCREW | 8 | |
| 1 2.10 | 1LI 03417B | V/S JACK P.C.BUARD | | (RTL) | | XNG26EFXS | NUT | 8 | |
| E17 | VEP81183A | POWER 1 P.C.BOARD | - | (RTL) | | | | | |
| | | | | (NIL) | | | | <u> </u> | |
| E18 | VEP81184A | POWER 2 P. C. BOARD | 1 | (RTL) | | | | | |
| F10 | /FD001501 | | | | | | | - | |
| E19 | VEP80A58A | POWER CONNECTION P. C. BOARD | 1 | (RTL) | ■ E2 | VEP82221A | F1 SERVO P. C. BOARD | 1 | (RTL) |
| E20 \ | VEP82216B | MECA 1/F P.C.BOARD | - | (DE) | | | | | |
| | 7LI 02210D | MECA 1/F F.C. BUAHD | -4 | (RTL) | | | | | |
| E21 \ | /EP80856A | CARRIGE P. C. BOARD | -,1, | (RTL) | C7 | ECUX1H222KBV | C. CAPACITOR CH 50V 2200P | 1 | |
| | | | -' | MIL/ | C8, C9 | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 2 | |
| E22 V | /EP84303D | AUDIO JACK P. C. BOARD | 110 | RTL) | C10 | ECUX 1H102JCV | C. CAPACITOR CH 50V 1000P | 11 | |
| | | | -†` | 111L/ | C11, 12 | ECUX IH103KBV | C. CAPACITOR CH 50V 0.01U | 2 | |
| E23 V | EP84304B | AES/EBU P. C. BOARD | 1 (| RTL) | C15 | ECUX1H1013CV | C. CAPACITOR CH 50V 100P | 1 | |
| | | | | The second secon | C30-34 | ECUX1H103KBV | | 1-11 | |
| E24 V | EP83385B | 422DA SUB P.C.BOARD | 1 (| RTL) | C35 | ECEV1EV3300 | C. CAPACITOR CH 50V 0.01U
E. CAPACITOR CH 25V 33U | | |
| | | | 1 | | C36-38 | | C. CAPACITOR CH 25V 33U
C. CAPACITOR CH 50V 0.01U | | |
| E25 V | EP80A52B | UP FRONT 1 P.C.BOARD | 1 (| RTL) | C39 | | E. CAPACITOR CH 16V 10U | 1 3 | |
| F00 | FD0005 | | | | C40, 41 | | C. CAPACITOR CH 16V 0.033U | 2 | V 100 - 100 |
| E26 V | EP80852A | UP FRONT 2 P.C.BOARD | 1 (| RTL) | C42-45 | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 4 | |
| E27 VI | EDOCOOED | EDON'T COULD & PAGE | _ _ | | C60,61 | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 2 | |
| ¥/ [۷۱ | EP86285B | FRONT CPU P. C. BOARD | 1 (1 | RTL) | C63-74 | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 12 | |
| E28 V | EP86148D | FRONT COIL SID D C POLOD | 1 | | C80, 81 | ECUX1H102JCV | C. CAPACITOR CH 50V 1000P | 2 | |
| | - 30140D | FRONT CPU SUB P.C.BOARD | 1 (6 | (IL) | C82 | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 1 | |
| E29 VE | P80A49C | FRONT SW P.C.BOARD | 1/. | in) | C83 | ECUX1H100DCV | C. CAPACITOR CH 50V 10P | 1 | |
| | | TIOTI ON I.C. DUAND | 1/(1 | IIL/ | C84 | | C. CAPACITOR CH 50V 0.01U | 1 | ************************************** |
| 30 VE | P80A99A F | RONT VR 1 P.C.BOARD | 11/1 | т \ | C85, 86 | ECEV1EV3300 | E. CAPACITOR CH 25V 33U | 2 | |
| | | TILL T. C. DUARD | 1 (F | IIL/ | C87 | | C. CAPACITOR CH 50V 0.01U | 1 | |
| 31 VE | P80B00A F | RONT VR 2 P.C. BOARD | 1 (R | π \ | C88 | | C. CAPACITOR CH 50V 10P | 1 | |
| | | ······································· | 1,0 | 1.4 | C89, 90 | | C. CAPACITOR CH 50V 1000P | 2 | |
| + | ~ | the say a second | + | | C91 | | C. CAPACITOR CH 50V 0.01U | 1 | *************************************** |
| | | | 1 | | | | E. CAPACITOR CH 25V 33U | 2 | |
| | | | 1- | | | | C. CAPACITOR CH 50V 0.01U | 3 | *************************************** |
| | | 11 11 11 11 11 11 11 11 11 11 11 11 11 | 1 | | | | C. CAPACITOR CH 50V 1000P
C. CAPACITOR CH 50V 0.01U | 2 | * to 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | | 1 | T & | C123
C124, 25 | ECIIX I H 1000CA | |] | |
| | | | 1 | | C124, 23 | ECUXIHIOSEDA | C. CAPACITOR CH 50V 10P | 2 | |
| | | | † | | | | | 1 | |
| | | The second secon | 1- | | | | E. CAPACITOR CH 25V 33U | 2 | ************************************** |
| | | | 1 | TOTAL ACCORDING TO THE RESIDENCE SECTION OF A STREET, SHIPE | | | C. CAPACITOR CH 50V 0.01U
C. CAPACITOR CH 50V 1000P | 2 | |
| | | | | | | | | 2 | |
| | | | 1 | | | | C. CAPACITOR CH 25V 33U C. CAPACITOR CH 50V 0.01U | 4 | |
| | [| | 1 | 1 Marie 1 Mari | | | C. CAPACITOR CH 50V 0.010 | 4 | |
| | | | - | | | | | | |
| | | | | The second secon | | | CAPACITOR CH 50V 0,01U | ᆔ | |

| Month Mont | D | n | D. 4 M | p 1 | D C M | D- / 11 | In N D. | | Ь | n 1. |
|--|---|---|--|--|---|---|---|--------|-----|--|
| Column C | | | | Kemarks | | | + | | L'C | kemarks |
| Company Comp | | | | | | | | | 1 | |
| Control Cont | | | | | C417 | ECUX1C104KBV | | | | |
| Color Color Co | C168 | | C. CAPACITOR CH 50V 0.01U 1 | | C418 | | | 0.010 | | |
| | | | 40 - 14 - 17 - 17 - 17 - 17 - 17 - 17 - 17 | | | | | | | and the state of t |
| Content Cont | | | | | | | | | | |
| Control Cont | | | | | | | | | - | |
| Control Cont | *************************************** | | | | | | | | 1 | |
| CSTITUTE CONTINUE | | | | | C424-27 | | | 0.010 | 4 | |
| COLUMN C | C205-07 | | | | C428, 29 | | | | | |
| CREATION CAMPATION CAMPA | ~~~ | | | | | 4 | | | 1- | |
| Control Cont | | | | | | 4 | | | | |
| COLINION | | | | | | | | | 1 | : |
| Commission Com | | | | | | • | 4 | | 2 | |
| COUNTY C | | ECUX1H330JCV | C. CAPACITOR CH 50V 33P 1 | | C453, 54 | ECUX1E473KBN | C. CAPACITOR CH 25V | 0.047U | 2 | |
| COUNTY C | | | | | | | | | 1 | |
| CORNINGER CAPACITING OF SOF 0, 00 U 1 CORNINGER OF SOF 2, 00 U 2 | | <u> </u> | | | | | | | 1 | |
| C250 C260 | | | | | | | | | ' | |
| CAMPA | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | 1 | |
| Company Comp | | | | | ********************* | | | | i | |
| CASH-1000 CAPACITOR OF 507 0,00 0 0 0 0 0 0 0 0 | | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U 6 | | | | • | | 1 | |
| CASH CANTINDATION C. CAPACITIRE OI SIGN 0.01 | *** 1. 1. 1. 1 | | | | | | | | 1 | |
| CASE | | | | | | | | | 1 | |
| EXEMPLICATION C.AMPACTION OF 19W 0.010 1 C.666, 58 EXEMPLICATION OF 19W 0.10 2 | | | | | | | | | -; | |
| ECHI-CYTOTO C.APACTOR CHIEV ATU 1 | | | | | | | | | 1 | MATERIA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA SANDA S |
| ECHIVOLATION E.CAPACITION OF 187 470 1 C471 ESTIVICATION E.CAPACITION OF 187 100 1 C472 ESTIVICATION E.CAPACITON OF 187 100 1 C473 ESTIVICATION E.CAPACITON OF 187 100 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C473 ESTIVICATION E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 1 C474 E.CAPACITON OF 187 0.470 0.470 1 C474 E.CAPACITON OF 187 0.470 | | | | | | | | | 2 | |
| CAPACITOR OF 189 0.10 1 CAPA | C304-07 | | | | | | | | 1 | |
| CAPACITOR COLORARY CAPACITOR OF 189 100 1 CAPACITOR OF 189 100 | | | | | | | | | | |
| CAPACITOR C. CAPACITOR O. 1 EV 0.10 | | • | | | | | | | | |
| CATE CONTINUOUS C. CAPACITOR OL 18V 1.0U 1 CATE CONTINUOUS C. CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 1 CATE CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 2 CAPACITOR OL 18V 0.0U 3 CAPACITOR OL 18V 0.0U | | | | | | · | | | | |
| CATT, 78 CATT, 78 CATT, 78 CATT, 78 CAT | | | | | | | | | 1 | |
| C480 | | | | | C477,78 | | | | 2 | |
| CASH EQUINITIONERY C.CAPACITOR CH SOV 0.10 1 C482 EQUINITIONERY C.CAPACITOR CH SOV 0.10 1 C482 EQUINITIONERY C.CAPACITOR CH SOV 0.070 1 C483 EQUINITIONERY C.CAPACITOR CH SOV 0.070 1 C483 EQUINITIONERY C.CAPACITOR CH SOV 0.033 1 C483 EQUINITIONERY C.CAPACITOR CH SOV 0.033 1 C483 EQUINITIONERY C.CAPACITOR CH SOV 0.033 1 C484 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C483 EQUINITIONERY C.CAPACITOR CH SOV 0.033 1 C483 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C484 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C485 EQUINICIASTRY C.CAPACITOR CH SOV 0.010 1 C485 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C484 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C484 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C484 EQUINICIASTRY C.CAPACITOR CH SOV 0.033 1 C484 EQUINICIASTRY C.CAPACITOR CH SOV 0.010 1 C485 EQUINICIASTRY C.CAPACITOR CH SOV 0.010 | | | | | | | | | 1 | |
| CAPACITOR CH 29V 100U 1 CAPACITOR CH 29V 100U 1 CAPACITOR CH 29V 0.047U 1 | | | | | | | ···· | | 1 | |
| CASA CONTHIORARY C. CAPACITOR CH 50V 0.01U 2 CASA CONTHIORARY C. CAPACITOR CH 50V 0.030 1 | | | | The state of the s | | | | | 1 | 11111111111111111111111111111111111111 |
| CAMPA | | | | | | | | | 1 | |
| CASE ECRIPTION E. CAPACITOR C 159 V 1000 1 CASE ECRIPTION ECRIPT | | | | | | | | | 1 | |
| C347, 48 ECIXITIO104RBV C. CAPACITOR CH 16V 0.1U 2 C488 ECIXITIA172RBV C. CAPACITOR CH 50V 0.0U 1 C489 ECIXITIO308V C. CAPACITOR CH 50V 0.0U 1 C489 ECIXITIO308V C. CAPACITOR CH 16V 0.033U 1 C489 ECIXITIO308V C. CAPACITOR CH 16V 0.0U 2 C489 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C491 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C492 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C492 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C493 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C492 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C493 ECIXITIO308V C. CAPACITOR CH 16V 0.1U 1 C493 ECIXITIO308V C. CAPACITOR CH 16V 0.47U 1 C510 ECIXITIO308V C. CAPACITOR CH 16V 0.47U 1 C521 ECIXITIO308V C. CAPACITOR CH 16V 0.47U 1 C521 ECIXITIO308V C. CAPACITOR CH 16V 0.47U 1 C522 ECIXITIO308V C. CAPACITOR CH 16V 0.47U 1 C523 ECIXITIO308V C. CAPAC | | | | | | | | | 1 | |
| CASE COUNTHIOSKBY C. CAPACITOR CH 50V 0.01U 5 CASE CASE COUNTRIOSKBY C. CAPACITOR CH 16V 0.033U 1 | | | ,., | | | | | | 1 | |
| C354 EQXINITOZUCV C. CAPACITOR CH 50V 1000P 1 | | | | | | | | | 1 | |
| C355 ECUXIHIO3KBV C. CAPACITOR CH 50V 0.01U 1 C492 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.1U 1 C492 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.1U 1 C492 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.1U 1 C492 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C493 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C493 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C510 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C511 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C512 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C514 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C515 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C515 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C517 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C517 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C517 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C517 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C517 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C517 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C520 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C521 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C521 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C521 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C522 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C523 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C524 ECXILIVATOR CH 16V 0.7U 1 C524 ECXILIVATOR CH 16V 0.7U 1 C524 ECXILIVATOR CH 16V 0.7U 1 C525 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C526 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C526 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C526 ECUXIHIO3KBV C. CAPACITOR CH 16V 0.7U 1 C | | | | | | | | | 2 | |
| C356 EQIXICIO4KBY C. CAPACITOR CH 16V 0.1U 1 C492 ECEVICY/1000 E. CAPACITOR CH 16V 0.47U 1 C358 ECIRILHOSEBY C. CAPACITOR CH 50V 6800P 1 C493 ECUXICIO/SERV C. CAPACITOR CH 16V 0.47U 1 C510 EQUXILID/SERV C. CAPACITOR CH 16V 0.47U 1 C511 EQIXICIO/SERV C. CAPACITOR CH 16V 0.47U 1 C511 EQIXICIO/SERV C. CAPACITOR CH 16V 0.47U 1 C511 EQIXICIO/SERV C. CAPACITOR CH 16V 0.47U 1 C512 IS EQUXILID/SERV C. CAPACITOR CH 16V 47U 1 C512 IS EQUXILID/SERV C. CAPACITOR CH 16V 47U 1 C512 IS EQUXILID/SERV C. CAPACITOR CH 16V 47U 1 C512 IS EQUXILID/SERV C. CAPACITOR CH 16V 47U 1 C512 IS EQUXILID/SERV C. CAPACITOR CH 16V 47U 1 C513 EQXILID/SERV C. CAPACITOR CH 16V 0.01U 1 C514 EQEVICY/A700 E. CAPACITOR CH 50V 0.01U 1 C516 EQEVICY/A700 E. CAPACITOR CH 50V 0.01U 1 C516 EQEVICY/A700 E. CAPACITOR CH 50V 0.01U 1 C516 EQEVICY/A700 E. CAPACITOR CH 50V 0.01U 1 C517-19 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 3 C382 EQXILID/SERV C. CAPACITOR CH 50V 0.01U 3 C383 EQUXILIB/SERV C. CAPACITOR CH 50V 0.01U 2 C520 EQEVICY/A700 E. CAPACITOR CH 50V 0.01U 1 C521 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 1 C521 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 1 C521 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 1 C521 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 1 C522 EQEVIEV/A700 E. CAPACITOR CH 50V 0.01U 1 C522 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 1 C524 EQEVICY/A700 E. CAPACITOR CH 50V 0.01U 1 C525 EQUXILID/SERV C. CAPACITOR CH 50V 0.01U 1 C526 EQEVIEV/3300 E. CAPACITOR CH 50V 0.01U 1 C526 EQEVIEV/3300 E. CAPACITOR CH 50V 0.01U 1 C526 EQEVIEV/3300 E. CAPACITOR CH 50V 0.01U 1 C526 EQEVIEV/3300 E. CAPACITOR CH 50V 0.01U 1 C527 EQEVIEV/3300 E. CAPACITOR CH 50V 0.01U 1 C528 EQEVIEV/3300 E. CAPACITOR CH 50V 0.01U 1 C53 | | | | | | | | | | |
| C358 ECMENTOTE E. CAPACITOR 25V 100U 1 | | | | | | | ······································ | | 1 | |
| C359 EQMINIO4ZFN C. CAPACITOR CH 50V 0. 1U 1 | | | | .,, | | | | | 1 | |
| C360 ECRIENTATION E. CAPACITOR 25V 100U 1 | | | | | | | | | 4 | |
| C361 ECWINH04ZFN C. CAPACITOR CH 50V 0.1U 1 C515 ECWICV4700 E. CAPACITOR CH 16V 47U 1 C382 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 2 C516 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C517-19 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C520 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C5384 ECWICV4700 E. CAPACITOR CH 16V 47U 1 C520 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C521 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C385, 86 ECWINH03KBV C. CAPACITOR CH 16V 47U 1 C522 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C529 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C529 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C529 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 3 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECWINH03KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECW | | | | | | | | | 1 | THE RESERVE OF THE PROPERTY OF |
| C362 ECAIEXLV101 E. CAPACITOR 25V 100U 1 C515 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C516 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C516 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 3 C517-19 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C517-19 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C517-19 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C517-19 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C529 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C528 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C530-32 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C530-32 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C530 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C538 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C538 ECUXIH103KBV C. CAPACITOR CH 50V | | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | 1 | |
| C380, 81 ECIXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C516 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 | | | | | | | | | 1 | |
| C383 EQWIH682KBV C. CAPACITOR CH 50V 6800P 1 C520 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 | | | | | C516 | | | | 1 | |
| C384 ECEYICV4700 E. CAPACITOR CH 16V 47U 1 C521 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 2 C522, 23 ECEYIHV0100 E. CAPACITOR CH 50V 0.01U 2 C524 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 1 C525 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C526 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 1 C526 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 1 C526 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 1 C526 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 2 C529 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 2 C529 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 2 C529 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 2 C529 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 2 C529 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 2 C529 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 2 C529 ECEYIEV3300 E. CAPACITOR CH 50V 0.01U 3 C530-32 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 3 C530-32 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 3 C530-32 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 3 C533 ECEYIAV3300 E. CAPACITOR CH 50V 0.01U 1 C534 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIHI03KBV C. CAPA | | | | | | | *************************************** | | 3 | |
| C385, 86 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 2 C387 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C388 ECUX1H682KBV C. CAPACITOR CH 50V 6800P 1 C389 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C390 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C391 ECEVICV4700 E. CAPACITOR CH 50V 0.01U 1 C391 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C391 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C522 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 2 C391 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C529 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 2 C400 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C539 ECUX1H103KBV C. CAPACITOR CH 16V 47U 1 C530-32 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 3 C401-03 ECUX1H103KBV C. CAPACITOR CH 16V 0.01U 3 C531 ECEVIAV3300 E. CAPACITOR CH 50V 0.01U 1 C402 ECEVICV4700 E. CAPACITOR CH 16V 0.1U 3 C533 ECEVIAV3300 E. CAPACITOR CH 50V 0.01U 1 C404 ECEVICV4700 E. CAPACITOR CH 16V 0.1U 1 C535 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C406 ECUX1H103KBV C. CAPACITOR CH 16V 0.1U 1 C536 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C408 ECUX1H103KBV C. CAPACITOR CH 16V 0.1U 3 C536 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C412 ECUX1C224ZEV C. CAPACITOR CH 16V 0.2U 1 C538 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C539 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C530 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C531 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C532 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C533 ECEVIHV0100 E. CAPACITOR CH 50V 0.01U 1 C534 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C537 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 | | | | | | | | | - | |
| C387 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C388 ECUXIH682KBV C. CAPACITOR CH 50V 6800P 1 C389 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C390 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C391 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C526 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C391 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C527, 28 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 2 C391 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C529 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C400 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C530-32 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C401-03 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C533 ECEVIAV3300 E. CAPACITOR CH 50V 0.01U 1 C533 ECEVIAV3300 E. CAPACITOR CH 50V 0.01U 1 C534 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C535 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C537 ECEVIAV3300 E. CAPACITOR CH 50V 0.01U 1 C408 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C409-11 ECUXIC104KBV C. CAPACITOR CH 16V 0.1U 3 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C412 ECUXIC224ZEV C. CAPACITOR CH 16V 0.2U 1 C538 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C539 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV3300 E. CAPACITOR CH 50V 0.01U 1 | | | | | | | | | | |
| C388 | | | | | | | | | 1 | reserver successive and the second se |
| C389 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C526 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C529 ECEVIEV3300 E. CAPACITOR CH 50V O. 01U 2 C529 ECEVIEV3300 E. CAPACITOR CH 50V O. 01U 2 C529 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C530 E. CAPACITOR CH 25V 33U 1 C530 E. CAPACITOR CH 25V C529 ECEVIEV3300 E. CA | | | | | | | | | 1 | |
| C391 | | | | | | ECEV1EV3300 | E. CAPACITOR CH 25V | 330 | 1 | |
| C400 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C530-32 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 3 C401-03 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 3 C533 ECEVIAV3300 E. CAPACITOR CH 10V 33U 1 C534 ECUX1H103KBV C. CAPACITOR CH 16V 0.1U 3 C534 ECUX1H103KBV C. CAPACITOR CH 16V 0.1U 1 C535 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C408 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C536 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C537 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C537 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C537 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C538 ECEVIEV300 E. CAPACITOR CH 50V 0.01U 1 C539 ECUX1H103KBV C. CAPACITOR CH 50V 0.0 | | | | | | | | | 2 | MANAGER BEAUTY OF THE PROPERTY |
| C401-03 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 3 C533 ECEVIAV3300 E. CAPACITOR CH 10V 33U 1 C404-06 ECUXIC104KBV C. CAPACITOR CH 16V 0.1U 3 C534 ECUXIH103KBV C. CAPACITOR CH 16V 0.0U 1 C407 ECEVICV1000 E. CAPACITOR CH 16V 10U 1 C408 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C409-11 ECUXIC104KBV C. CAPACITOR CH 16V 0.1U 3 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C412 ECUXIC224ZFV C. CAPACITOR CH 16V 0.22U 1 C413 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C539 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 | | | | | | | | | -] | |
| C404-06 ECUX1C104KBV C. CAPACITOR CH 16V 0. 1U 3 C534 ECUX1H103KBV C. CAPACITOR CH 50V 0. 01U 1 C407 ECEVICV1000 E. CAPACITOR CH 16V 10U 1 C535 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C408 ECUX1H103KBV C. CAPACITOR CH 50V 0. 01U 1 C409-11 ECUX1C104KBV C. CAPACITOR CH 16V 0. 1U 3 C537 ECEVIHV0100 E. CAPACITOR CH 50V 0. 01U 1 C412 ECUX1C224ZFV C. CAPACITOR CH 16V 0. 22U 1 C413 ECUX1H103KBV C. CAPACITOR CH 50V 0. 01U 1 C539 ECUX1H103KBV C. CAPACITOR CH 50V 0. 01U 1 | | | | | | | | | 1 | |
| C407 ECEVICV1000 E. CAPACITOR CH 16V 10U 1 C535 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C408 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C409-11 ECUXIC104KBV C. CAPACITOR CH 16V 0.1U 3 C536 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 C537 ECEVIHV0100 E. CAPACITOR CH 50V 1U 1 C412 ECUXIC224ZFV C. CAPACITOR CH 16V 0.22U 1 C538 ECEVIEV3300 E. CAPACITOR CH 25V 33U 1 C413 ECUXIH103KBV C. CAPACITOR CH 50V 0.01U 1 | | | | | | *************************************** | | | ᇻ | |
| C408 | | | | | | | | | 1 | |
| C412 ECUX1C224ZFV C. CAPACITOR CH 16V 0.22U 1 C538 ECEV1EV330Q E. CAPACITOR CH 25V 33U 1 C413 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C539 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 | | | | | | | | 0.010 | 1 | |
| C413 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 C539 ECUX1H103KBV C. CAPACITOR CH 50V 0.01U 1 | | | | | | | | | 1 | |
| | | **** | | | | | | | # | |
| | | | | | | | | | 2 | |
| | V.17 | | | Market and a second a second and a second and a second and a second and a second an | | | | | ٦ | |
| | | *************************************** | | ALTERNATION OF THE PROPERTY OF | | | | | | |

| Ref.N | | | onPc | s Remarks | Ref. | No. | Part No | o. | Part Name & Descript | ion | , be | Domo elso |
|-----------------|-----------------------------|---|---------------|--|----------------|---------------|---------------------------------|----------|--|-------|------|--|
| C660, 6 | | | | 2 | IC35 | | TC7W00F | | IC | 1471) | 1 | s Remarks |
| C662, 6 | | | | | 1C60, | 61 | MC74HC08AF | = | IC | | 1 2 | |
| C701-0 | | | | | 1C63- | 66 | NVHC74FT | | IC | ~ | 1 | |
| C711 | 0 ECUX1H103Ki
ECUX1H102J | | 1 | | 1C67 | | MC74HC157A | | IC | | 1 | |
| C712 | ECUX1H682KI | Call and an artist of the Call and the Call | | | 1C68 | | T74HC191AF | | C | | 1 | |
| C713, 14 | | | | | 1069 | | MC74HC32AF | | C | | 1 | |
| C715 | ECUM1C104ZI | | | | 1C70
1C71 | | MC74HC86AF | | C | | 1_1 | |
| C716-18 | | | 3 | 7,114 | 1C72 | | MC74HC04AF
NVHC74FT | | C | | ! | |
| C721 | ECUX1H102J | | 1 | | 1072 | | TVHC11FT | | C | | 1-1 | |
| C722 | ECUX1H682KE | | 1 | | 1C74 | | MC74HC27F | | C | | | |
| C723, 24 | | | 2 | | IC80, 8 | | UPC4741G2 | | C | | 2 | |
| C725 | ECUM1C104ZF | | 1 | | IC82 | | NJM2901M | | C | | 1 | |
| C726-30 | | | 5 | | 1083 | | MC74HC4050 | FI | C | | 1 | |
| C740, 41 | ECUX1H103KE
ECUX1H150JC | | 1 | | IC120, | 21 L | JPC4741G2 | Ï | C | | 2 | |
| C742, 43 | | | 2 | W. B | IC160 | | NJM2903M | | C. Accomment a management of the contract of | | 1 | |
| C744 | ECUX1C224ZF | | 1 | | | | JPC4741G2 | | | | 2 | The same of the sa |
| C751,52 | | | 2 | | 1C200 | | ADG408BR | - 1 | | | 1 | |
| C827, 28 | | | 2 | | IC201
IC202 | | D7896AR | 1 | | 4 | 1 | |
| C829,30 | ECUX1H103KB | | 2 | | 1C203 | | MP08FS | 11 | | _ | 1 | |
| C903, 04 | ECUX1H103KB | | 2 | | 1C204 | | IVHC244F | 10 | | | -! | P-1-1111111111111111111111111111111111 |
| C941 | ECUX1H123KB | V C. CAPACITOR CH 50V 0.012U | 1 | | 1C204 | | PC4082G2 | 10 | | - | - 1 | |
| C942 | ECUX1C224ZF | | 1 | | IC230 | | C68332CFC2 | | | | | and the second s |
| C943, 44 | | | 2 | | IC231 | | L7705CPSB | 10 | W. W. C | + | | |
| C946-48 | | | 3 | | IC235 | | S12976A | 10 | enge to an armon can community to | 1 | - | |
| C952-54 | ECUX1H103KB | C. CAPACITOR CH 50V 0.01U | 3 | | IC236, 3 | | 4AC74SJ | 10 | and an overlapping and a second second | + | 2 | |
| D3, D4 | MA8075-H | 0.005 | 1 | | IC240 | | 4ACO8SJ | 10 | | + | 1 | |
| D30, 31 | MA8075-H
MA8030 | D100E
D100E | 2 | | IC241 | Mc | C74HC244AF | ΙC | 4,10 | 1 | 1 | |
| D30, 51 | MA8047-H | DIODE | 2 | | 1C260,6 | | 7C18525SC | IC | CO. Ob. Section Co. Co. Co. Co. Co. Co. Co. Co. Co. Co. | | 2 | |
| D33-35 | MA142K | DIODE | 3 | | IC262 | | DT71321A55 | IC | | | 1 | |
| D80-83 | MA147 | DIODE | 4 | | 1C263, 6 | | 174S1051NS | IC | Commence and the commence of t | . | 2 | |
| D120-23 | MA147 | DIODE | 4 | | 1C265
1C266 | | /HC175F | 10 | | 1 | 1 | |
| D160-63 | MA147 | DIODE | 4 | | 1C266 | | /HC164F
/HC273F | IC | | | 1 | |
| D201 | MA142K | DIODE | 1 1 | National Committee of the Committee of t | 1C268 | | 74HC74AF | IC | | | 4 | |
| D202 | MA8047-H | DIODE | 1 | | 10269 | | 74HC86AF | IC | | | | |
| D203 | MA142K | DIODE | 1 | | IC280 | | HC244F | IC. | | + | | |
| D204, 05 | MA8047-H | DIODE | 2 | | IC282 | | A909SF1G | ic | | +- | - - | |
| D206-08 | MA142K | DIODE | 3 | | IC300 | | 7751 | IC | | +- | ᆉ | |
| D300-02
D340 | LN1251CAL | DIODE | 3 | | IC301, 02 | 2 MC | 74HC244AF | IC | | 1 | 2 | D. COLORODO D. AND DO MARKET COMP. SOMEONE SOMEON |
| D340 | MA728
MA736 | DIODE | 1 | | 1C304, 05 | MC: | 74HC244AF | IC | | 1 | 2 | |
| D342 | MA728 | DIODE | -: - | | 1C324 | | 4VHCU04F | IC | | 1 - | 1 | 9 |
| D343 | MA736 | DIODE | | | 1C325 | | AC74SJ | IC | | I | 1 | |
| D344 | MA8039-L | DIODE | | | IC340 | ***** | 1451CNS | IC | | | 1 | |
| D380 | MA728 | DIODE | 1 | | IC341
IC342 | | C393G2 | IC | mana a mana a mana and a mana a mana a mana a mana a mana a mana a mana a mana a mana a mana a mana a mana a m | ļ | 1 | |
| D381 | MA736 | DIODE | 1 | | IC400, 01 | | 44580ED
3890FBS | 10 | | | 1 | |
| D382 | MA728 | DIODE | 1 | | IC402 | | 44580ED | IC | | 1 | 2 | |
| D383 | MA736 | DIODE | 1 | | 1C403 | | 12903M | IC | | 1 | - 1 | |
| D400-05 | MA738 | D100E | 6 | | IC404 | | 4580ED | IC | | | 1 | |
| D406, 07 | MA8047-H | DIODE | 2 | | IC450, 51 | | 834\$ | ic | | 2 | 2 | |
| D408-13
D450 | MA738 | DIODE | 6 | | IC452 | UPC | 4558G2 | IC | | 1 | 1 | |
| D450
D451-56 | MA142K
MA738 | D10DE
D10DE | 1 | 7.7 | 10510,11 | | 78L09UA | IC | | 2 | 2 | W |
| D457 | MA142K | DIODE | 6 | | 10512, 13 | | 79L09UA | IC | | 2 | 2 | |
| D458-63 | | DIODE | 6 | | IC514 | | 2AP5002P | 1C | | 1 | | |
| | MA701A | DIODE | 4 | | IC515, 16 | | 2AP3002P | 10 | | 2 | 2 | |
| | MA704A | DIODE | 6 | | 1C517
1C600 | | 79L05UA
2903 M | 10 | No. | 1 | ļ | |
| | | DIODE | 7 | | 1C660 | | 2903 M
4741G2 | IC
IC | | 1 | | |
| D711-14 | WA147 | DIOOE | 4 | | 10701,02 | | 4741G2
4741G2 | IC IC | | | ļ | |
| | | DIODE | 1 | Harmon Halder and Harmon Harmo | 1C703 | | 1052BF | IC | | 2 | ١ | |
| | | DIODE | 1 | | 1C704 | | 1082G2 | 10 | | | | |
| D913 | MA147 | DIODE | 1 | | IC708 | NVHC | | IC | | | | |
| FL320, 21 | VI F0570 | | | | IC711 | NVHC | | IC | | 1 | ļ | |
| | | FILTER | 2 | | IC712 | MC74 | IHC74AF | IC | | 1 | ļ | |
| . 2010-13 | VLF0576 | FILTER | 6 | | | + | | IC | | 2 | Ì | Manager Communication Communication (Communication) |
| IC2 | UPC4082G2 | IC | | | IC715 | ************* | | IC | | 1 | | |
| | | IC | + | | 10716 | TC7W | | 10 | | 1 | | |
| | | IC | | | | NVHC | | IC | | 1 | | |
| | | ic | ; | Cakeria and annual membership annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual membership and annual members | | | Occupation of the continuous of | 10 | | 1 | | ************************************** |
| | | ic | il | | | NVHC: | | IC | | 4 | | |
| | | C | 1 | | | TC7WL | | IC
IC | | 1 | | |
| C34 N | VHC74FT I | C | 1 | | | MC140 | | IC | | # | | |
| | | | 1 | | | | | | | -1 | | *************************************** |
| | | | 1 | | | | ····· | | | | | |
| | | | | | | | | | | - 1 | | i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de |

| D 6 N | D. 4 N. | Deut Mere & Demoistics | Das | Pomoviro | Ref. No. | Part No. | Part Name & DescriptionPcs Remarks |
|-------------------|----------------------------|--|----------|---|----------------------|----------------------------|--|
| Ref. No. | Part No.
UPC4741G2 | Part Name & Description | 1 | Remarks | R56-58 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 3 |
| IC922 | MC14538BF | IC | 1 | | R59 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 1 |
| | | | | | R60 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 1 |
| 18235 | VJS2336A040 | IC SOCKET | 1 | | R61-66
R69-77 | ERJ3GEY0R00
ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 6 M. RESISTOR CH 1/16W 0 9 |
| L230, 31 | VLQ0576 | COIL | 2 | | R80, 81 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 2 |
| L340 | VL00504331K | COIL 330UH | 1 | | R82, 83 | ERJ3RBD223 | M. RESISTOR CH 1/16W 22K 2 |
| L341 | VL00407120M | COIL 12UH | 1 | | R84 | ERJ3GEYJ474 | M. RESISTOR CH 1/16W 470K 1 |
| L342
L380 | VL00504331K
VL00407120M | COIL 330UH
COIL 12UH | 1 | | R85
R86 | ERJ3GEYJ103
ERJ3GEYJ474 | M. RESISTOR CH 1/16W 10K 1 M. RESISTOR CH 1/16W 470K 1 |
| L381,82 | VL00504331K | COIL 330UH | 2 | | R87,88 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 2 |
| L510 | VLP0133 | COIL | 1 | | R89,90 | ERJ3RED224 | M. RESISTOR CH 1/16W 220K 2 |
| D1 D0 | VJP3454B096 | CONNECTOR (MALE) | 2 | | R91,92
R93 | ERJ3GEYJ154
ERJ3GEYJ562 | M. RESISTOR CH 1/16W 150K 2 M. RESISTOR CH 1/16W 5.6K 1 |
| P1,P2 | VJP34340096 | CONNECTOR (MALE) | | | R94 | ERJ3GEYJ224 | M. RESISTOR CH 1/16W 220K 1 |
| 0340,41 | 2SB1174-0 | TRANSISTOR | 2 | | R95 | ERJ3GEYJ562 | M. RESISTOR CH 1/16W 5.6K 1 |
| 0380, 81 | 2SB1174-0 | TRANSISTOR | 2 | | R96 | ERJ3GEYJ273 | M. RESISTOR CH 1/16W 27K 1 M. RESISTOR CH 1/16W 33K 1 |
| Q400
Q401 | PU3210
PU3110 | TRANSISTOR
TRANSISTOR | <u> </u> | | R97
R98, 99 | ERJ3GEYJ333
ERJ3GEYJ222 | M. RESISTOR CH 1/16W 33K 1 M. RESISTOR CH 1/16W 2.2K 2 |
| 0402 | PU3210 | TRANSISTOR | 1 | | R100,01 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 2 |
| 0403 | PU3110 | TRANSISTOR | 1 | | R102, 03 | ERJ3RED224 | M. RESISTOR CH 1/16W 220K 2 |
| Q510,11 | 2SD601A-R | TRANSISTOR | 2 | | R104
R105 | ERJ3GEYJ562
ERJ3GEYJ224 | M. RESISTOR CH 1/16W 5.6K 1 M. RESISTOR CH 1/16W 220K 1 |
| 0R5, R6 | UN5213 | TRANSISTOR-RESISTOR | 2 | | R106 | ERJ3GEYJ562 | M. RESISTOR CH 1/16W 5.6K 1 |
| QR7, R8 | UN5113 | TRANSISTOR-RESISTOR | 2 | | R107 | ERJ3GEYJ273 | M. RESISTOR CH 1/16W 27K 1 |
| 0R30 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R108 | ERJ3GEYJ333 | M. RESISTOR CH 1/16W 33K 1 |
| OR81,82
OR83 | UN5213
UN5113 | TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR | 1 | | R109
R120, 21 | ERJ3GEYJ103
ERJ3GEYJ222 | M. RESISTOR CH 1/16W TOK 1 |
| 0R84 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R122,23 | ERJ3RBD223 | M. RESISTOR CH 1/16W 22K 2 |
| 0R85 | UN5113 | TRANSISTOR-RESISTOR | 1 | | R124 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 1 |
| 0R120
0R121 | UN5213
UN5113 | TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR | 1 | | R125
R126 | ERJ3GEYJ474
ERJ3GEYJ103 | M. RESISTOR CH 1/16W 470K 1 |
| 0R122 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R127 | ERJ3GEYJ474 | M. RESISTOR CH 1/16W 470K 1 |
| QR123 | UN5113 | TRANSISTOR-RESISTOR | 1 | | R128, 29 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 2 |
| QR124 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R130, 31
R132, 33 | ERJ3RED224
ERJ3GEYJ154 | M. RESISTOR CH 1/16W 220K 2
M. RESISTOR CH 1/16W 150K 2 |
| QR160
QR161 | UN5213
UN5113 | TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR | 1 | | R134 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 1 |
| 0R162 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R135 | ERJ3GEYJ224 | M. RESISTOR CH 1/16W 220K 1 |
| 0R163 | UN5113 | TRANSISTOR-RESISTOR | 1 | | R136 | ERJ3GEYJ562 | M. RESISTOR CH 1/16W 5.6K 1 |
| QR164
QR340,41 | UN5213
UN5111 | TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR | 1 2 | | R137 | ERJ3GEYJ273
ERJ3GEYJ333 | M. RESISTOR CH 1/16W 27K 1 M. RESISTOR CH 1/16W 33K 1 |
| QR400 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R139, 40 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 2 |
| QR4 01 | UN5113 | TRANSISTOR-RESISTOR | 1 | | R141,42 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 2 |
| QR600
QR601 | UN5217
UN5211 | TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR | 1 | | R143, 44 | ERJ3RED224
ERJ3GEYJ103 | M. RESISTOR CH 1/16W 220K 2 M. RESISTOR CH 1/16W 10K 1 |
| 0R660 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R146 | ERJ3GEYJ224 | M. RESISTOR CH 1/16W 220K 1 |
| 0R701 | UN5213 | TRANSISTOR-RESISTOR | 1 | | R147 | ERJ3GEYJ562 | M.RESISTOR CH 1/16W 5.6K 1 |
| D10 13 | ED 120EA (103 | M. RESISTOR CH 1/16W 10K | 2 | | R148
R149 | ERJ3GEYJ273
ERJ3GEYJ333 | M. RESISTOR CH 1/16W 27K 1 M. RESISTOR CH 1/16W 33K 1 |
| R12, 13
R14 | ERJ3GEYJ274 | M. RESISTOR CH 1/16W 10K M. RESISTOR CH 1/16W 270K | 1 | | | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 2 |
| R15 | ERJ3GEYJ823 | M. RESISTOR CH 1/16W 82K | 1 | | R162,63 | ERJ3RBD223 | M. RESISTOR CH 1/16W 22K 2 |
| R16 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15K | 1 | | R164 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 1 |
| R17
R18 | ERJ6GEYG272
ERJ3GEYJ823 | M. RESISTOR CH 1/10W 2.7K M. RESISTOR CH 1/16W 82K | 1 | | R165
R166 | ERJ3GEYJ474
ERJ3GEYJ103 | M. RESISTOR CH 1/16W 470K 1 M. RESISTOR CH 1/16W 10K 1 |
| R19,20 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 2 | | R167 | | M. RESISTOR CH 1/16W 470K 1 |
| R21 | | M.RESISTOR CH 1/16W 100K | 1 | | R168, 69 | | M. RESISTOR CH 1/16W 10K 2 |
| R32
R33 | | M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 1.2K | -1 | | R170, 71 | | M. RESISTOR CH 1/16W 220K 2 M. RESISTOR CH 1/16W 10K 1 |
| R34 | | M. RESISTOR CH 1/16W 56K | 1 | | R173 | | M. RESISTOR CH 1/16W 220K 1 |
| R35 | ERJ3GEYJ223 | M.RESISTOR CH 1/16W 22K | 1 | | R174 | | M. RESISTOR CH 1/16W 5.6K 1 |
| R36 | | M. RESISTOR CH 1/10W 5.6K | 1 | | R175
R176 | | M. RESISTOR CH 1/16W 27K 1 1 M. RESISTOR CH 1/16W 33K 1 |
| R37
R38, 39 | | M. RESISTOR CH 1/16W 82K M. RESISTOR CH 1/16W 2.2K | 2 | | | | M. RESISTOR CH 1/16W 150K 2 |
| R40 | | M.RESISTOR CH 1/16W 2.2K | 1 | | R179, 80 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 2 |
| R41 | | M. RESISTOR CH 1/16W 5.6K | 1 | | | | M. RESISTOR CH 1/16W 10K 2 |
| R42
R43-45 | | MLRESISTOR CH 1/16W 6.8K MLRESISTOR CH 1/16W 10K | 3 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | M. RESISTOR CH 1/16W 220K 2
M. RESISTOR CH 1/16W 10K 1 |
| R48 | | M. RESISTOR CH 1/16W 10K | 1 | | | | M. RESISTOR CH 1/16W 220K 1 |
| R49 | | M.RESISTOR CH 1/16W 2.2K | 1 | | | | M. RESISTOR CH 1/16W 5.6K 1 |
| R50 | | M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 5.6K | 1 | | | | M.RESISTOR CH 1/16W 27K 1 M.RESISTOR CH 1/16W 33K 1 |
| R51
R52 | | M. RESISTOR CH 1/16W 5.6K M. RESISTOR CH 1/16W 470 | 1 | | R203 | ,,,,,,,,,,,,,,, | M. RESISTOR CH 1/16W 470 1 |
| R53 | | M. RESISTOR CH 1/16W 82K | 1 | | R204, 05 | ERJ3RBD332 | M. RESISTOR CH 1/16W 3.3K 2 |
| R54 | | M. RESISTOR CH 1/16W 5.6K | 1 | | R206 | | M. RESISTOR CH 1/16W 1K 1 |
| R55 | ERJ3GEYG682 | M. RESISTOR CH 1/16W 6.8K | ! | | R214 | ERJ3GEYG471 | M. RESISTOR CH 1/16W 470 1 |
| | | | | | | | |
| | | | _ | | | | |

| R215, 1 | No. Part No | o. Part Name & Descrip | it i o | ոԹո | s Remarks | D £ 11 | п | h v | | - 1 | |
|--------------------|----------------------------|--|--------------|---|---|--|--|--|--------------------------|-----|--|
| | 6 ERJ3GEYJ68 | 1 M. RESISTOR CH 1/16W | 680 | 2 | | Ref. No. | Part N
ERJ3GEYJ2 | | cripti | on | cs Remarks |
| R217,1 | | | 1K | 2 | 2 | R411 | ERJ3GEYJ2 | | | | 1 |
| R222
R234 | ERJ3GEY0R0
ERJ3GEYJ10 | | 0 | 1 | | R412 | ERJ3GEYJ2 | | | | 1 |
| R235-4 | | | 10K | 1 9 | | R413 | ERJ3GEYJ2 | | | | 1 |
| R244 | ERJ3GEYJ10 | | 6K
00 | 1 | | R414, 15 | ERJ3RBD22 | | | | 2 |
| R245 | ERJ3GEYJ10 | | OK | 1 | | R416 | ERJ3GEYJ6 | | | | 1 |
| R246 | ERJ3GEYG10 | | 1K | 1 | | R418 | ERJ3GEYJ2:
ERJ3RBD22: | | | | 1 |
| R247 | ERJ3GEY0R0 | | 0 | 1 | | R420 | ERJ3GEYG4 | | | | 1 |
| R248-5
R259, 60 | | | | 4 | | R421 | ERJ3GEYJ2 | | | | 1 |
| R261 | ERJ3GEYJ10 | | 00 | 2 | | R422 | ERJ3GEYJ2 | 72 M. RESISTOR CH 1/16 | 2.7K | | 1 |
| R262 | ERJ3GEYJ47 | | 7K | 1 | | R423 | ERJ3GEY0R0 | | | | 1 |
| R263, 64 | 4 ERJ3GEYJ10 | | 00 | 2 | | R424, 25
R426 | ERJ3GEYJ22
ERJ3RBD333 | | | | 2 |
| R265 | ERJ3GEYJ47: | | 7K | 1 | | R427 | ERJ3RBD222 | | | + | 1 |
| R266
R267-69 | ERJ3GEYG152
ERJ3GEYJ101 | | | 1 | *************************************** | R428, 29 | ERJ3GEYG47 | | COLUMN TAXABLE PROPERTY. | | 2 |
| R270 | ERJ3GEY0R00 | | 00 | 3 | | R430, 31 | ERJ12YJR68 | | 0.68 | 1 | 2 |
| R275~78 | | | 0 | 4 | | R432, 33 | ERJ3GEYJ47 | | | | 2 |
| R280 | ERJ3GEY0R00 | | 0 | 1 | | R436, 37 | ERJ3GEY0R0
ERJ3RBD472 | - 1, 10. | | | 2 |
| R281,82 | | M. RESISTOR CH 1/16W 47 | | 2 | | R451 | ERJ3RBD122 | | | - - | 1 |
| R283-85
R300 | | M. RESISTOR CH 1/16W 10 | | 3 | | R452 | ERJ3GEYG10 | | 1.2K
1K | - | 1 |
| R300 | ERJ3GEYJ104
ERJ3GEYG102 | | | - | | R453-55 | ERJ6GEYG33 | | | 1 | 3 |
| R305 | ERJ36EYJ103 | | K I | - - | *** | R456, 57 | ERJ12YJ2R2 | M. RESISTOR CH 1/2W | 2.2 | 1 | 2 |
| R314-16 | | M. RESISTOR CH 1/16W 2.2 | | 3 | | R458 | ERJ3GEYJ393 | | 39K | 1 | |
| R318, 19 | | M. RESISTOR CH 1/16W 10 | | 2 | | R459 | ERJ3GEYJ123
ERJ3GEYJ271 | | 12K | - - | |
| R330 | ERJ3GEYJ104 | M. RESISTOR CH 1/16W 100 | ************ | 1 | | R461 | ERJ3RBD472 | M. RESISTOR CH 1/16W | 270
4. 7K | + | |
| R331
R332 | ERJ3GEYJ221
ERJ3GEYG102 | M. RESISTOR CH 1/16W 22 | | 1 | | R462 | ERJ3RBD122 | M. RESISTOR CH 1/16W | 1.2K | +- | |
| R340 | ERJ6GEYG331 | M. RESISTOR CH 1/16W 1 | | -11- | 1640-1640-1640-1640-1640-1640-1640-1640- | R463 | ERJ3GEYG102 | M. RESISTOR CH 1/16W | 1K | 1 | |
| R341 | ERJ6GEYJ471 | M. RESISTOR CH 1/10W 47 | | | AND THE RESIDENCE OF THE PARTY | R464, 65 | ERJ6GEYG330 | | 33 | 2 | |
| R342 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15F | | 1 | | R466, 67 | ERJ12YJ2R2
ERJ3GEYJ393 | M. RESISTOR CH 1/2W | 2.2 | 2 | |
| R343 | ERJ3GEYJ474 | M. RESISTOR CH 1/16W 470 | < | 1 | | | ERJ3GEYJ123 | | 39K
12K | 1 | |
| R344
R345 | ERJ6GEYG122 | M. RESISTOR CH 1/10W 1.2P | | 1 | | R470 | ERJ3GEYJ271 | M. RESISTOR CH 1/16W | 270 | 1 | |
| R346 | ERJ3GEYJ394
ERJ3GEYG102 | M. RESISTOR CH 1/16W 390k
M. RESISTOR CH 1/16W 1k | | 1 | | R471 | ERJ6GEYG330 | M. RESISTOR CH 1/10W | 33 | ĺi | |
| R347 | ERJ3GEYJ563 | M. RESISTOR CH 1/16W 1k | | | | | ERJ3GEYJ681 | M. RESISTOR CH 1/16W | 680 | 1 | |
| R348 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | | 1 | | | ERJ3RBD391 | M. RESISTOR CH 1/16W | 390 | 2 | |
| R349 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | | 1 | | 1 | ERJ3GEYJ681
ERJ3R8D391 | M. RESISTOR CH 1/16W M. RESISTOR CH 1/16W | 680 | 1 | |
| R350
R351-53 | ERJ30EYJ183 | M. RESISTOR CH 1/16W 18K | | 1 | | | ERJ3GEY0R00 | M. RESISTOR CH 1/16W | 390
0 | 10 | |
| R354 | ERJ3GEYJ103
ERJ3GEYJ104 | M. RESISTOR CH 1/16W 10K M. RESISTOR CH 1/16W 100K | _ | 3 | | *************************************** | ERJ3GEYJ182 | | 1.8K | 1 | |
| R355 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 100K | | | | | ERJ3GEY0R00 | M. RESISTOR CH 1/16W | 0 | 2 | |
| R356 | ERJ3GEYJ104 | M. RESISTOR CH 1/16W 100K | | 1 | | | ERJ3GEYJ101 | M. RESISTOR CH 1/16W | 100 | 1 | |
| R357 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | | 1 | | | ERJ3GEYJ101
ERJ3GEYJ153 | M. RESISTOR CH 1/16W M. RESISTOR CH 1/16W | 100 | 2 | |
| R358
R359 | ERJ3GEYJ394 | M. RESISTOR CH 1/16W 390K | | 1 | | *************************************** | RJ3GEYJ103 | M. RESISTOR CH 1/16W | 15K
10K | 6 | the second secon |
| R360 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K M. RESISTOR CH 1/16W 18K | | 1 | | | RJ3GEYG102 | M. RESISTOR CH 1/16W | 1K | 1 | |
| R361 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 18K M. RESISTOR CH 1/16W 47K | - - | - | | | RJ3GEYJ103 | M. RESISTOR CH 1/16W | 10K | 2 | |
| R362,63 | ERJ3GEYJ104 | M. RESISTOR CH 1/16W 100K | | 2 | | | RJ3GEYJ103 | M. RESISTOR CH 1/16W | 10K | 1 | |
| R364 | ERJ3GEYJ183 | M.RESISTOR CH 1/16W 18K | | 1 | | | RJ3GEYJ562
RJ3RBD682 | M. RESISTOR CH 1/16W
M. RESISTOR CH 1/16W | | 2 | |
| R365 | ERJ3GEYJ474 | M. RESISTOR CH 1/16W 470K | | | | | RJ3RBD102 | M. RESISTOR CH 1/16W | 1K | -# | |
| R366
R367 | ERJ3GEYJ153
ERJ3GEYJ103 | M. RESISTOR CH 1/16W 15K | - | 1 | | R654 E | RJ3GEYJ103 | M. RESISTOR CH 1/16W | 10K | 갂 | 7911144 |
| R368 | | M. RESISTOR CH 1/16W 10K M. RESISTOR CH 1/16W 1K | | <u> </u> | | Att. 4.4 (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | RJ3GEYG332 | M. RESISTOR CH 1/16W | 3.3K | 1 | |
| R369 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | + ; | | | | RJ6GEYG271 | M. RESISTOR CH 1/10W | 270 | 1 | |
| R370 | | M. RESISTOR CH 1/16W 10K | Ti | | | | RJ3GEYJ103
RJ3GEYJ223 | M. RESISTOR CH 1/16W
M. RESISTOR CH 1/16W | 10K | 1 | |
| R371 | | M.RESISTOR CH 1/16W 56K | 1 | | | | RJ3GEYJ222 | | 22K | 2 | |
| R372
R373 | | M. RESISTOR CH 1/10W 470 | 1 | 1 | | | RJ3GEY0R00 | M. RESISTOR CH 1/16W | 0 | 1 | |
| | | M.RESISTOR CH 1/10W 1.2K M.RESISTOR CH 1/16W 0 | 1 | ļ | | | RJ3GEYJ470 | M. RESISTOR CH 1/16W | 47 | 6 | |
| 380 | | M. RESISTOR CH 1/16W 0 M. RESISTOR CH 1/10W 1K | 1 | - | | | RJ3GEY0R00 | M. RESISTOR CH 1/16W | 0 | 1 | |
| 381 | | M. RESISTOR CH 1/10W 680 | † ; | | | | N3GEYJ101 | M. RESISTOR CH 1/16W | 100 | 1 | |
| | ERJ6GEYJ471 | M. RESISTOR CH 1/10W 470 | 1 | l | | | | M. RESISTOR CH 1/16W
M. RESISTOR CH 1/16W | 0 | 7 | .77 |
| | | M.RESISTOR CH 1/10W 1K | 1 | | | | | | 22K
. 2K 1 | 0 | The state of the s |
| | | M. RESISTOR CH 1/10W 680 | 1 | | | | | | IOK I | 3 | |
| | | M. RESISTOR CH 1/10W 470 | 1 | | | | J36EYJ103 | M. RESISTOR CH 1/16W | IOK | 1 | |
| | | M. RESISTOR CH 1/16W 470 M. RESISTOR CH 1/16W 33K | 1 | | | | J3RBD103 | M. RESISTOR CH 1/16W | | 1 | |
| | | A. RESISTOR CH 1/16W 2.2K | † ¦ | | | | | M. RESISTOR CH 1/16W | | 1 | |
| 404, 05 | | I.RESISTOR CH 1/2W 0.68 | 2 | *************************************** | | | | | OK | 3 | |
| | | I.RESISTOR CH 1/16W 270K | 2 | | 7 200 | | J3GEYJ562
J3GEYJ103 | | 6K | 1 | |
| | | | | | | | | m・niについいれ (/ [6間 -] | OK i | 11 | |
| 408 E | | I.RESISTOR CH 1/16W 2.2K | 1 | | | R728, 29 ER. | J3GEYG472 | | 7K | 2 | |
| 408 E | | I.RESISTOR CH 1/16W 2.2K
I.RESISTOR CH 1/16W 150K | 1 | | | | | W.RESISTOR CH 1/16W 4. | 7K : | 2 | |

| Ref.No. | Danie Min | | | | | | | |
|-----------|---------------|---------------------------|------------|-----------------|---------------|-----------------------------|----------|---|
| | Part No. | Part Name & Description | Pcs | | | Part Name & Description | Pc | es Remarks |
| R736 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | TP901,02 | EYF6CU | TEST POINT | | 2 |
| R739 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | | | | _ | |
| R741 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | X320 | VSX0919 | CRYSTAL OSCILLATOR | | 1 |
| R742-44 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K | 3 | X701 | VSX0918 | CRYSTAL OSCILLATOR | Ī | 1 |
| R745 | ERJ3GEYG682 | M. RESISTOR CH 1/16W 6.8K | 1 | X801 | VSX0645 | CRYSTAL OSCILLATOR | T | 1 |
| R746 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | | | | 1 | |
| | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K | 3 | | | MISCELLANEOUS | 1 | |
| R747-49 | | M. RESISTOR CH 1/16W 47K | 1 | | | | t | |
| R750 | ERJ3GEYJ473 | | | | VML2143 | CARD PULLER | ł | 1 |
| R751 | ERJ3GEYJ331 | M. RESISTOR CH 1/16W 330 | 1 | | | CARD PULLER | ┞ | 1 |
| R752, 53 | ERJ3GEYG472 | M.RESISTOR CH 1/16W 4.7K | 2 | | VML2144 | CARD POLLER | - | 1 |
| R754 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | | | | ļ | |
| R761 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | | | | - | |
| R762 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | | | | ļ | |
| R765,66 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 2 | | | | L | |
| R769 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | | | | | |
| R770 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 1 | ■ E3 | VEP86284B | F2 SYSCON P.C.BOARD | | 1 (RTL) |
| R771 | ERJ3GEYJ331 | M.RESISTOR CH 1/16W 330 | 1 | | | | | |
| R772,73 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 2 | | | | | |
| R774-76 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 3 | C1 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 |
| R778 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | C9 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | † | 1 |
| | | | ļ ; | C10, 11 | ECUM1H150JCN | C. CAPACITOR CH 50V 15P | ļ | 2 |
| R780 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | l -; | C10, 11 | ECUMIE104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 |
| R781 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | ├ ⊹ | | | | ļ | 1 |
| R782 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | C13 | ECOB1H104JF | | - | 1 |
| R783, 84 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 | C14 | ECEV1EN4R70 | E. CAPACITOR CH 25V 4.7U | - | 1 |
| R793 | ERJ3GEYJ104 | M.RESISTOR CH 1/16W 100K | 1 | C15 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | ļ., | |
| R794 | ERJ6GEYJ301 | M.RESISTOR CH 1/10W 300 | 1 | C16-26 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 1 | |
| R795 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | C27-29 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 3 |
| R797 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | C30 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | | 1 |
| R840 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | C32-34 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | : | 3 |
| R842, 43 | ECUX1C104KBV | C. CAPACITOR CH 16V 0.1U | 2 | C37 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 |
| R864 | ERJ3GEYJ104 | M.RESISTOR CH 1/16W 100K | 1 | C38 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | | 1 |
| R865 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | C46 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | | 1 |
| R866 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | C47 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 |
| R871-76 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 6 | C49 | ECUX1C105ZFN | C. CAPACITOR CH 16V 1U | | 1 |
| | | M. RESISTOR CH 1/16W 0 | 1 | C51 | ECUX1C105ZFN | C. CAPACITOR CH 16V 1U | ١. | 11 |
| R902 | ERJ3GEY0R00 | | 3 | C53 | ECUX1C105ZFN | C. CAPACITOR CH 16V 1U | | 1 |
| R904-06 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | | | | | | 1 |
| R908-10 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 3 | C55 | ECUX1C105ZFN | | - | 3 |
| R926, 27 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 | C56-58 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | | |
| R934, 35 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 | C59, 60 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | _ | 2 |
| R942 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | C65 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | <u> </u> |
| R944 | ERJ3GEY0R00 | MI.RESISTOR CH 1/16W 0 | 1 | C66 | ECA1CHG682 | E. CAPACITOR 16V 6800U | 1 | I |
| R948 | ERJ3GEY0R00 | MLRESISTOR CH 1/16W 0 | 1 | C67 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | <u> </u> |
| R950 | ERJ3GEYJ101 | M.RESISTOR CH 1/16W 100 | 1 | C68, 69 | ECUX1E104KBN | C. CAPACITOR CH 25V 0.1U | 2 | 2 |
| R981-85 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K | 5 | C70,71 | ECUM1H103KBN | C. CAPAC TOR CH 50V 0.01U | 2 | 2 |
| R986 | ERJ3RBD433 | M. RESISTOR CH 1/16W 43K | 1 | C72 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | 1 |
| R987 | ERJ3GEYJ564 | M. RESISTOR CH 1/16W 560K | 1 | C73 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | I |
| R989-91 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 3 | C74 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | |
| R995 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | C76 | ECA1CHG682 | E. CAPACITOR 16V 6800U | 1 | 1 |
| 11333 | ENSOCIONO | mileotorical at 17 ton | | C77,78 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 2 | 2 |
| D007 | ED IDOE VODOO | H DECLETOR OF 1/10W 0 | , | C79 | | C. CAPACITOR CH 16V 1U | 1 | 1 |
| R907 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | | | | | | |
| | | | | C81 | | | | 1 |
| TG510, 11 | VJR0646 | TEST POINT | 2 | C83 | | C. CAPACITOR CH 25V 0.1U | <u> </u> | |
| | | | | C86, 87 | | C. CAPACITOR CH 50V 0.01U | 2 | |
| TP2 | EYF6CU | TEST POINT | 1 | C88-90 | | C. CAPACITOR CH 25V 0.1U | 3 | } |
| TP30, 31 | VJR0646 | TEST POINT | 2 | C93 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | n marine and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second |
| TP32,33 | EYF6CU | TEST POINT | 2 | C94-96 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 3 | <u> </u> |
| TP34, 35 | VJR0646 | TEST POINT | 2 | C97 | | C. CAPACITOR CH 50V 0.01U | 1 | i |
| TP60 | EYF6CU | TEST POINT | 1 | C98 | ECUX1E105KBP | C. CAPACITOR CH 25V 1U | 1 | |
| TP80-83 | VJR0646 | TEST POINT | 4 | C99 | ECUX1C106KBP | C. CAPACITOR CH 16V 10U | 1 | ! |
| TP120-23 | VJR0646 | TEST POINT | 4 | C100 | ECUM1H221JCN | C. CAPACITOR CH 50V 220P | 1 | |
| TP160-63 | VJR0646 | TEST POINT | 4 | C101 | | C. CAPAC+TOR CH 25V 0.1U | 1 | |
| TP201 | VJR0646 | TEST POINT | 1 | C102 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | |
| TP230, 31 | VJR0646 | TEST POINT | - 2 | C500, 01 | - | C. CAPACITOR CH 50V 12P | 2 | <u> </u> |
| | | | | C502 | | C. CAPACITOR CH 50V 0.01U | | |
| TP280-82 | VJR0646 | TEST POINT | 3 | C502
C503-06 | | C. CAPACITOR CH 25V 0.1U | | |
| TP300, 01 | VJR0646 | TEST POINT | | | | | 6 | |
| TP400,01 | VJR0646 | TEST POINT | 2 | C508-13 | | C. CAPACITOR CH 50V 0.01U | | |
| TP450, 51 | VJR0646 | TEST POINT | 2 | C514-19 | | C. CAPACITOR CH 25V 0.1U | 6 | <u>'</u> |
| TP660,61 | EYF6CU | TEST POINT | 2 | C520-22 | | C. CAPACITOR CH 50V 0.01U | 3 | |
| TP701-04 | EYF6CU | TEST POINT | 4 | C523 | | C. CAPACITOR CH 50V 330P | 1 | |
| TP721-29 | VJR0646 | TEST POINT | 9 | C524 | | C. CAPACITOR CH 25V 0.1U | 1 | |
| TP731 | EYF6CU | TEST POINT | 1 | . C525 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 1 | |
| TP732 | VJR0646 | TEST POINT | 1 | C526,27 | ECUX1H102JCN | C. CAPACITOR CH 50V 1000P | 2 | |
| TP734 | VJR0646 | TEST POINT | 1 | C528-35 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 8 | |
| TP741-43 | EYF6CU | TEST POINT | 3 | C536 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | |
| TP801-03 | EYF6CU | TEST POINT | 3 | C537, 38 | | C. CAPACITOR CH 25V 0.1U | 2 | ! |
| 1, 501-03 | 1211000 | | -1 | | | | | |
| | 1 | | | Mileddaless | • | | | |
| | | ļ · . | | | | | | |

| Ref.No | . Part N | o. Part Name & Descrip | tio | ъ. | D | | | Τ. | | T | | | |
|------------|---------------|-----------------------------|----------|----------|--|---------------|---|----------------------|--------|--|----------|--------------|--|
| C543-45 | ECUMTH103 | | 111 | 1PC | | | . No. | Part | | Part Name & Descri | et i | onPcs | s Remarks |
| C547 | ECUM1H103 | KBN C. CAPACITOR CH 50V 0.0 | ******** | 1 | | D49, | 50 | SN74S105 | | IC | | 2 | 2 |
| C548 | ECUM1E104 | | 10 | +; | | D51 | | MA3062-L | | DIODE | | 1 | |
| C549, 50 | ECUM1H103 | | | 1 ; | | D52 | | MA3082M | | DIODE | | 1 | |
| C551 | ECUM1H331 | | | 1 | | D53 | | MA3075-M | | DIODE | | 1 | PARTITION OF THE PARTIT |
| C552-55 | ECUM1H103 | | | 1 4 | | D54 | | MA738 | | DIODE | | 1 | |
| C560, 61 | ECUM1H103 | | | 2 | | D55 | | MA152WK | | DIODE | | 1 | |
| C703-13 | ECUM1E104 | | | 11 | | D56 | | MA3030-H | | DIODE | | 1 | |
| C714 | ECUM1H103I | | | 1 | | D500 | | MA152WK | | DIODE | | 1 | |
| C715, 16 | ECUM1H080 | | BP | 2 | | D503 | | MA152WK | | DIODE | | 1 | 7,17 |
| C717-21 | ECUM1E104 | | | 5 | The state of the s | D504, | | MA715 | | DIODE | | 2 | |
| C722,23 | ECUM1H0500 | | P | 2 | | D506 | | MA152WK | | DIODE | | 1 | 1 to 1000 |
| C724, 25 | ECUMTE1042 | | | 2 | | D507 | | MA715 | | DIODE | | 1 | W |
| C728 | ECEVOJV470 | | | 1 | | D508 | | MA152WK | | DIODE | | 1 | |
| C729 | ECUX1H102 | | | i | | D701-
D709 | | MA715 | **** | DIODE | | 6 | |
| C730 | ECUX1H682K | BN C. CAPACITOR CH 50V 6800 | P | 1 | | D711- | | MA715 | | DIODE | | 1 | |
| C731 | ECEV1CV100 | Q E. CAPACITOR CH 16V 10 | U | 1 | | D711- | | MA157 | | DIODE | | 4 | |
| C732 | ECUM1H103K | BN C. CAPACITOR CH 50V 0.01 | U | 1 | | | _ | MA152WK | | DIODE | | 1 | |
| C733, 34 | ECEV1EN4R7 | Q E. CAPACITOR CH 25V 4.7 | | 2 | | D720 | | SN74S1051 | | IC | | 3 | |
| C735 | ECUM1H103K | | | 11 | | - D/23- | L/ N | MA715 | | DIODE | | 5 | |
| C736 | ECA1CAXN33 | | | 1 | | FL701, | 02 | /i Enero | | FU TED | | 1[| *************************************** |
| C737 | ECUM1H103K | | | 1 | | FL900- | | VLF0576 | •••••• | FILTER | | 2 | |
| C738 | ECA1CAXN33 | | | 1/ | | | -03 1 | /LF0576 | | FILTER | | 4 | *** |
| C739, 40 | ECUM1H103KI | BN C. CAPACITOR CH 50V 0.01 | | 2 | | IC1 | | 137702044 | _ | 10 | | 11 | |
| C741 | ECEV1EN4R7 | E. CAPACITOR CH 25V 4.7 | | 1 | | 1C1
1C2 | | 137702S4AF | | IC . | | 11 | |
| C742 | ECUM1H120J | CN C. CAPACITOR CH 50V 12 | | ī | 71 M | IC3 | | /S12972A | | IC . | | 1 | |
| C743 | ECEV1CV1000 | E. CAPACITOR CH 16V 10 | | ı | | 1C3 | | 4F573\$J | | IC | | 11 | |
| C744, 45 | ECEV1EN4R70 | | | 2 | | 1C4
1C5 | ~ | 4F138SJ | | C | | 11 | |
| C746 | ECUM1H103KE | N C. CAPACITOR CH 50V 0.01 | | 1 | | 105 | | 4F573SJ | | C | | 1 | |
| | ECUM1E104ZF | | | 10 | | 106 | | L7705CPSB | | C | | 1 | |
| | ECUM1E104ZF | N C. CAPACITOR CH 25V 0.1L | | 4 | | 108 | | C74HC132A | | C | | 1 | |
| | ECEV1CV4700 | | - | 1 | The state of the s | IC9, 10 | | C74HC04AF
4AC32SJ | | C | | 1 | |
| | ECUM1E104ZF | | | 1 | | IC11, 12 | | 4F32SJ | | C | | 2 | |
| | ECEV1CV4700 | | Ť | 1 | | IC13 | *************************************** | C74HC74AF | 1 | | | 2 | |
| | | N C. CAPACITOR CH 25V 0.1U | | 1 | | IC14 | | 1F11SJ | | | | 1 | |
| | ECEV1CV470Q | | | 1 | 990 to 10 10 10 10 10 10 10 10 10 10 10 10 10 | 1015 | | T71321A5 | 110 | | | 1 | |
| | | N C. CAPACITOR CH 50V 0.01U | | 1 | ## | 1016 | | F245SJ | | | | 1 | 10 mm 461 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm 100 mm |
| | ECEV1CV470Q | | | 1 | | IC17 | | K14C88N45 | 10 | | _ | -11_ | |
| | ECUM1H103KB | | 1 | 1 | | IC19, 20 | *************************************** | F541SJ | 10 | | | _1 | |
| | ECUX1H561JCH | | 1 | 1 | | 1C23 | | F245SJ | 10 | | -1 | 2 | |
| | | C. CAPACITOR CH 50V 820P | 1 | 1 | | 1026 | | 7751 | 110 | | | . 1 | |
| | ECUM1H103KBN | 0,010 | | 2 | | 1027, 28 | | 4649L | 10 | *************************************** | | -11 | Commission of the Commission o |
| | CEV1EN4R70 | E. CAPACITOR CH 25V 4.7U | | 1 | | IC29 | | M2901M | 10 | *** | 4 | 2 | |
| | CUM1E104ZFN | | | 1 | | 1C30 | ****** | M2904M | IC | | | 1 | |
| | CUM1H103KBN | | | 1 | | IC31,32 | | 14538BF | IC | 7/0.0 | \dashv | | |
| | CUM1E104ZFN | | 1 | 4 | | 1C33 | | -32SJ | ic | | | 2 | dannan ar oo ee ee ahaa ee ahaa ahaa ahaa ahaa ah |
| | CUM1H103KBN | | 1 2 | 2 | | 1C34 | | -00SJ | IC | | | -: | and analysis and analysis and analysis become |
| 783 E | CUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 | | IC35 | | 42901M | ic | | | -1 | |
| 784 E | COMITHIO 3KBN | C. CAPACITOR CH 50V 0.01U | 1 | 4_ | | 1036,37 | | 'S14F | lic | | - | 2 | |
| | COMILE 104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | <u> </u> | | 1C38 | | 4538BF | IC | | +- | 1 | |
| 804 no - | CUMTH2/0JCN | C. CAPACITOR CH 50V 27P | 4 | 4 | | 1C39 | | 12904M | IC | | + | # | |
| | CUM1E104ZFN | | 6 | | | 1C500 | | 4180ZRP10 | | | | | |
| | | C. CAPACITOR CH 25V 0.1U | 2 | ļ | | 10501,02 | | 4HC541AF | IC | | | 1 | |
| | CEV1CV470Q | E. CAPACITOR CH 16V 47U | 2 | <u> </u> | | 1C503 | | 2973A | ıc | | +- | 1 | |
| 904-07 EC | CV1CV4ZAA | C. CAPACITOR CH 25V 0.1U | 2 | ļ | | IC504 | | 56DLG7L | IC | | - - | 1 | |
| | EV1CV4700 | E. CAPACITOR CH 16V 47U | 4 | ļ | ······································ | 1C505 | | 71321A55 | ıc | Herence I and the second secon | | 1 | |
| -VO-11 EC | CUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 4 | <u> </u> | | 1C506 | | 4HC138AF | ic | THE RESIDENCE OF A STREET OF THE STREET OF T | | 1 | and the second s |
| LIA LIA | 167 | | | <u></u> | | IC507 | 74F3 | | IC | | + | - | |
| | 1157 | D100E | 1 | | | IC508 | | HC00AF | IC | | | | |
| | 715 | DIODE | 4 | | | IC509 | | C191AF | ic | | + | : | |
| | 152WK | DIODE | 1 | L | | IC510 | | 4310FEC | ic | Patrician in the State of Stat | + | :} | |
| | | DIODE | 1 | | | IC511, 12 | | | IC | The state of the s | 1 ; | <u>' </u> | nervice and the second |
| | | DIODE | 1 | | | IC513, 14 | | | IC | | 1 - | 5 | |
| | | DIODE | 1 | | 777 | IC515 | MC14 | | IC | | 1 ; | 1 | |
| | | D100E | 1] | | | IC516 | MC148 | | IC | | ╁; | | |
| | | DIOOE | 1 | | | IC517 | MC140 | | IC | | ┼; | 1 | |
| | | DIODE | 1 | | | IC518 | TE775 | | ic | | ∤ ; | | |
| | | DIODE | 1 | | | | MC140 | | IC IC | | 2 | | |
| | | DIODE | 1 | | | IC521,22 | | | 10 | 77.00 | | ļ | |
| MA1 | | DIODE | 1 | | | | | CO4AF | IC IC | | 2 | ļ | |
| | | DIODE | 5 | | *************************************** | | MC140 | | IC IC | | 1 | ļ | |
| | | DIODE | 3 | | | | | S38NS | IC | | ! | ļ | |
| -43 MA7 | | OLODE | 16 | | | | TE775 | | IC | **** | 1 | <u> </u> | |
| | | DIODE | 1 | | | | MC140: | | IC IC | | ! | | |
| -48 NSQ | 03A04 [|)100E | 4 | | | | T74HC | | IC | | 2 | | |
| | | | 1 | | | | | | | | 2 | | |
| | | | _ [| | | | | | | | | | |
| | | | | _ | | | | | | | - 1 | | |

| | | 1 | _ | T | ¬ r | T . | T | _ | T |
|--------------------|-------------------------|-------------------------|--|--|---|----------------------------|--|---------------|---|
| Ref.No. | Part No. | Part Name & Description | Pc | s Remarks | Ref. No. | Part No. | Part Name & Description | Pc | s Remarks |
| 1C532 | MC74HC574AF | IC | 1 | | | | | ļ | 1979. 1981. 1981. 1981. |
| | MC14021BF | IC | 1 2 | 2 | 0R3-10 | UN2213 | TRANSISTOR-RESISTOR | | 8 |
| IC536 | MC14050BF | IC | 1 | | QR11-16 | UN2214 | TRANSISTOR-RESISTOR | ' | 6 |
| IC541 | MC74HC00AF | IC | | | 0R17 | UN2213 | TRANSISTOR-RESISTOR | | |
| IC701 | M37702S4AFP | IC | 1 ! | | 0R18-26 | UN2214 | TRANSISTOR-RESISTOR | ' | |
| 1C702 | VS12974A | IC | | | 0R27,28 | UN2113 | TRANSISTOR-RESISTOR | | 2 |
| 1C703 | K6256DLG7L | IC | -! | | 0R29,30 | UN2214 | TRANSISTOR-RESISTOR | 1 | 2 |
| 1C704 | 74F573SJ | IC | <u> </u> | | OR31,32 | UN2113 | TRANSISTOR-RESISTOR | | 2 |
| 10705,06 | 74F138SJ | IC | 2 | | 0R33, 34 | UN2214 | TRANSISTOR-RESISTOR | ļ | 2 |
| 10707,08 | 74F32SJ | 1C | 2 | 2 | 0R35, 36 | UN2113 | TRANSISTOR-RESISTOR | : | 2 |
| IC709 | 74F00SJ | IC | 1 ! | | 0R37,38 | UN2213 | TRANSISTOR-RESISTOR | | 2 |
| 1C710 | MN51040VP1 | IC | H | | 0R39, 40 | UN2113 | TRANSISTOR-RESISTOR | 1 | 2 |
| 1C711 | MC74HC574AF | 16 | ┼-! | | 0R41 | UN2213 | TRANSISTOR-RESISTOR | | |
| 1C712 | 74AC32SJ | IC | | | QR43 | UN2213 | TRANSISTOR-RESISTOR | | |
| | 74F541SJ | lc | 2 | | 0R44 | UN2214 | TRANSISTOR-RESISTOR | | |
| IC716 | 74F245SJ | IC | ; | | 0R45 | UN2213 | TRANSISTOR-RESISTOR | | |
| 1C717 | 74F541SJ | IC . | ⊢.' | | | ED ICCEVE 472 | M DECISION OF 1 /10M AZK | ۱. | |
| IC718 | MC14053BF | 10 | | | R1-R5 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | |) |
| IC719 | NJM4560MD | IC | | | R6-10 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | Ŀ | |
| 1C720 | NJM2068MD | 10 | | | R11, 12 | ERJ6GEYF822 | M. RESISTOR CH 1/10W 8.2K | | |
| 10721 | UPC319G2 | IC | ' | | R13, 14 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | |
| 10722 | UPC4741G2
NJM78L09UA | IC IC | | | R16 | ERJ6GEYF473
ERJ6GEYG394 | M. RESISTOR CH 1/10W 47K | - | |
| 10723 | 4 | | 1 | | R18, 19 | · | M. RESISTOR CH 1/10W 390K | 2 | |
| 1C724 | NJM79L09UA
NJM084M | IC
IC | 2 | | R18, 19 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | |
| 10725, 26
10727 | MC74HCU04AF | TIC | ' | | R21, 22 | ERJ6GEYG103
ERJ6GEYF473 | M. RESISTOR CH 1/10W 10K M. RESISTOR CH 1/10W 47K | , | 41 |
| | 74F74SJ | lic | 2 | | R23, 24 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | - | |
| 1C728,29
1C730 | 74F/4SJ
74F32SJ | 10 | - | | R25, 26 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 1K | 2 | |
| IC730 | 74F245SJ | IC IC | <u>'</u> | | R27, 28 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 2 | |
| 1C731 | 74F24333 | IC IC | ' | | R29 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| 1C732 | MC14053BF | IC IC | | | R33-35 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 3 | |
| 1C733 | NJM084M | Tic | <u> </u> | | R38, 39 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 2 | |
| 10/34 | THE SHOOT HE | 10 | - | | R43 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 270 | 1 | |
| IS2 | VJS2336A032 | IC SOCKET | 1 | | R44 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | |
| 18503 | VJS2336A032 | IC SOCKET | 1 | | R45 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| 18702 | VJS2336A032 | IC SOCKET | i | | R46 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | |
| 10,02 | | 10 0001.21 | | | R47 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| L2 | VLQ0319K470 | COIL 47UH | 1 | | R48 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | |
| L500-03 | VLQ0576 | COIL | 4 | | R49 | ERJ6GEYG222 | M. RESISTOR CH 1/10W 2.2K | <u>:</u>
1 | |
| L701 | VL00163J470 | COIL 47UH | 1 | | R54, 55 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 2 | |
| L900-03 | VLP0133 | COIL | 4 | | R56 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | 1 | |
| | | | ļ | | R57 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | |
| LED1-04 | LN1251CAL | DIODE | 4 | | R5861 | | M. RESISTOR CH 1/10W 2.2K | 4 | |
| | | | | | R62 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| P1, P2 | VJP3454B096 | CONNECTOR (MALE) | 2 | | R63-70 | | M. RESISTOR CH 1/10W 4.7K | 8 | ************************************** |
| | | | | | R76 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | |
| Q3 | 2SB710A-R | TRANSISTOR | 1 | | R82 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | |
| 04 | 2SB936A-Q | TRANSISTOR | 1 | | R83 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | |
| 05,06 | 2SD601A-R | TRANSISTOR | 2 | | R84-88 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 5 | |
| 07,08 | 2SB1073-R | TRANS I STOR | 2 | | R90-95 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 6 | |
| 09 | 2SD601A-R | TRANSISTOR | 1 | | R96 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | |
| Q10 | 2S8709A-R | TRANSISTOR | 1 | | R97 | ERJ6GEYG105 | M.RESISTOR CH 1/10W 1M | 1 | |
| Q11,12 | 2SD1119-R | TRANSISTOR | 2 | | R100 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | |
| 013 | 2SB709A-R | TRANSISTOR | 1 | | R101,02 | ERJ6GEYF473 | M.RESISTOR CH 1/10W 47K | 2 | |
| Q14 | 2SD601A-R | TRANSISTOR | 1 | | R103,04 | ERJ6GEYF472 | M.RESISTOR CH 1/10W 4.7K | 2 | |
| 015,16 | 2SB1073-R | TRANSISTOR | 2 | | R105 | ERJ6GEYF473 | M.RESISTOR CH 1/10W 47K | 1 | |
| 017 | 2SD601A-R | TRANSISTOR | 1 | | R106 | ERJ6GEYG105 | M.RESISTOR CH 1/10W 1M | 1 | |
| Q18 | 2SB709A-R | TRANSISTOR | 1 | | R108 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | |
| 019,20 | 2SD1119-R | TRANSISTOR | 2 | | R109, 10 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 2 | |
| | 2SB709A-R | TRANSISTOR | 1 | PURCEASTER AND AND AND AND AND AND AND AND AND AND | R111,12 | ERJ6GEYF472 | M.RESISTOR CH 1/10W 4.7K | 2 | |
| 022 | 2SD601A-R | TRANSISTOR | 1 | | | | MLRESISTOR CH 1/10W 47K | 1 | 1218/1018/1016/a.ort.ol.ol.1218/1018/1018/1018/1018/1018/1018/1018/ |
| 023,24 | 2SB1175 | TRANSISTOR | 2 | | | | M.RESISTOR CH 1/10W 1M | _1] | |
| Q25 | 2SD601A-R | TRANSISTOR | 1 | | | | M.RESISTOR CH 1/10W 10K | 1 | |
| Q26 | 2SB709A-R | TRANSISTOR | 1 | | | | M.RESISTOR CH 1/10W 47K | 2 | |
| 027,28 | 2SD1747PQY | TRANSISTOR | 2 | | | | M. RESISTOR CH 1/10W 4.7K | 2 | |
| 029 | 2\$B709A-R | TRANSISTOR | 1 | | | | M.RESISTOR CH 1/10W 47K | 1 | |
| 030 | 2SD601A-R | TRANSISTOR | 1 | | | | M. RESISTOR CH 1/10W 1M | 1 | |
| | 2SB1073-R | TRANSISTOR | 2 | | | | M.RESISTOR CH 1/10W 10K | 1 | |
| | 2SD601A-R | TRANSISTOR | 1 | | | | M. RESISTOR CH 1/10W 47K | 2 | |
| | 2SB709A-R | TRANSISTOR | 1 | | terremananium acada ada ada ada ada ada ada ada ada a | | M.RESISTOR CH 1/10W 4.7K | 2 | |
| | 2SD1119-R | TRANSISTOR | 2 | | | | M.RESISTOR CH 1/10W 47K | 9 | |
| | 2SB709A-R | TRANSISTOR | 1 | | | | M. RESISTOR CH 1/10W 10K | 2 | |
| | 2SD601A-R | TRANSISTOR | 1 | | ļ | | M. RESISTOR CH 1/10W 47K | 2 | |
| | 2SB936A-Q | TRANSISTOR | 1 | | | | M. RESISTOR CH 1/10W 0 | 4 | |
| 0704,05 | 2SB709A-R | TRANSISTOR | 2 | | R145-47 | ERJ6GEYF473 | M.RESISTOR CH 1/10W 47K | 3 | |
| | | | | | | | The state of the s | _ | |
| 1 | | | | | L | | | _ | |
| | | | | | | | | | |

| Ref.No | 1 n | | | | | | | |
|---|----------------------------|--|---|---|---|---|---------------|--|
| R150 | | Part Name & DescriptionPcs | Remarks | Ref.No | . Part No | . Part Name & Descript | ion | cs Remarks |
| R150 | ERJ6GEYG562
ERJ6GEYG222 | M. RESISTOR CH 1/10W 5.6K 1 | | R263 | ERJ6GEYF47 | | K K | 1 |
| R153 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 2.2K 1 M. RESISTOR CH 1/10W 270 1 | | R266-69 | | 0 M.RESISTOR CH 1/10W | 0 | 4 |
| R154 | ERX1SJ1R0 | | | R271 | ERJ6GEYG22 | | K | 1 |
| R155 | ERJ6GEY0R00 | 1 | | R273 | ERJ6GEYG22 | | K | 1; |
| R156 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 0 1 | | R275 | ERJ6GEYG22 | | | 1 |
| R157 | ERJ6GEYG222 | M. RESISTOR CH 1/10W 2.2K 1 | | R277 | ERJ6GEYG22 | | K | 1 |
| R158 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 270 1 | | R281 | ERJ6GEY0R0 | | 0 | 1 |
| R159 | ERG1SJ220 | M. RESISTOR 1W 22 1 | | R284, 85 | ERJ6GEY0R0 | | 0 | 2 |
| R160 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | | R288 | ERJ6GEYF47 | | K | 1 |
| R161 | ERJ6GEYG222 | M. RESISTOR CH 1/10W 2.2K 1 | | R290 | ERJ6GEYF47 | | < | 1 |
| R162,63 | ERJ8GCYG151 | M. RESISTOR CH 1/8W 150 2 | | R291 | ERJ6GEYG10 | | 4 | 1 |
| R164,65 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K 2 | | R292, 93 | ERJ6GEYF47: | 471 | | 2 |
| R166 | ERJ8GCYG152 | M. RESISTOR CH 1/8W 1.5K 1 | | R294 | ERJ6GEYG10: | | | 1 |
| R167-69 | ERJ8GCYG681 | M. RESISTOR CH 1/8W 680 3 | | R295
R296 | ERJ6GEYF472 | | | 1 |
| R170 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | | R297 | ERJ6GEYF473
ERJ6GEYF472 | | | I . |
| R171 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K 1 | | R298 | ERJ6GEYG105 | | | 1 |
| R172, 73 | ERJ6GEYG394 | M. RESISTOR CH 1/10W 390K 2 | | R299 | | | | |
| R17481 | | M.RESISTOR CH 1/10W 10K 8 | | R304-15 | ERJ6GEYF473
ERJ8GCYJ391 | | | 1 |
| R182 | | M. RESISTOR CH 1/10W 33K 1 | | R316, 17 | ERG1SJ100 | | | 2 |
| R184 | | M. RESISTOR CH 1/10W 4.7K 1 | | R318 | ERX1SJ6R2 | M. RESISTOR 1W 10 M. RESISTOR 1W 6.2 | | 2 |
| R185 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | | R319 | ERG1SJ100 | | | 1 |
| R186 | | M. RESISTOR CH 1/10W 3.3K 1 | | R320 | ERJ6GEYG222 | | | 1 |
| R187-90 | | M. RESISTOR CH 1/8W 390 4 | | R321-28 | ERJ6GEYG470 | | | 0 |
| R191 | | M. RESISTOR CH 1/10W 3.3K 1 | | R329, 30 | ERJ6GEYG103 | 7, | | 8 |
| R192 | | M. RESISTOR CH 1/10W 4.7K 1 | | R332 | ERJ6GEYG222 | 100 | | 4 |
| R193, 94 | | M.RESISTOR CH 1/10W 10K 2 | | R333 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | 1 |
| R195 | | M.RESISTOR CH 1/10W 4.7K 1 | | R334 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | +- | 1 |
| R196, 97 | | MI.RESISTOR CH 1/8W 390 2 | | R337-39 | ERJ8GCYG681 | M. RESISTOR CH 1/8W 680 | +: | |
| R198 | | MLRESISTOR CH 1/10W 3.3K 1 | | R341 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | + | |
| R199,00 | | M.RESISTOR CH 1/8W 390 2 | | R342 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | | |
| R201 | | M. RESISTOR CH 1/10W 3.3K 1 | | R345 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | - - | |
| R202 | | M.RESISTOR CH 1/10W 10K 1 | | R346 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | +-; | |
| R203, 04 | | M. RESISTOR CH 1/10W 4.7K 2 | | R348 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | - -i | |
| R205 | | M.RESISTOR CH 1/10W 10K 1 | | R349-62 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 14 | |
| R206
R207, 08 | | A. RESISTOR CH 1/10W 3.3K 1 | | R365 | ERJ6GEYG223 | M. RESISTOR CH 1/10W 22K | 1 | |
| R209 | | M. RESISTOR CH 1/8W 390 2 | | R366 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | 1 | |
| R210, 11 | | ALRESISTOR CH 1/10W 3.3K 1 | | R367 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | |
| R212 | · | A. RESISTOR CH 1/8W 390 2 | | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | |
| R213, 14 | | LRESISTOR CH 1/10W 4.7K 1
LRESISTOR CH 1/10W 10K 2 | | | ERJ6GEYJ224 | M. RESISTOR CH 1/10W 220K | 1 | |
| R215 | | LRESISTOR CH 1/10W 10K 2 LRESISTOR CH 1/10W 4.7K 1 | | R381 | ERJ6GEYF123 | M. RESISTOR CH 1/10W 12K | 1 | |
| | - | I. RESISTOR CH 1/8W 390 2 | | | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | The second secon |
| R218 | | I. RESISTOR CH 1/10W 3.3K 1 | | | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | 3 | |
| | | I. RESISTOR CH 1/8W 390 2 | | | ERJ8GCYG152 | M. RESISTOR CH 1/8W 1.5K | 1 | |
| | | RESISTOR CH 1/10W 3.3K 1 | | | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 2 | |
| | | RESISTOR CH 1/10W 10K 1 | P170 B. | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 11 | |
| | | .RESISTOR CH 1/10W 4.7K 2 | | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | |
| | FB 1005101 10 | .RESISTOR CH 1/10W 10K 1 | | | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 11 | |
| | | RESISTOR CH 1/10W 3.9K 1 | | | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 3 | |
| | | RESISTOR CH 1/8W 390 2 | | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | todo concernito con contrato de contrato d |
| R229 | | RESISTOR CH 1/10W 3.9K 1 | | | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| R230, 31 | | RESISTOR CH 1/8W 390 2 | | | ERJ6GEYF473
ERJ6GEYG103 | M. RESISTOR CH 1/10W 47K | 1 | |
| R232 | | RESISTOR CH 1/10W 4.7K 1 | | | RJ6GEYF473 | M. RESISTOR CH 1/10W 10K | 1 | |
| | | RESISTOR CH 1/10W 10K 2 | | | RJ6GEYG103 | M. RESISTOR CH 1/10W 47K M. RESISTOR CH 1/10W 10K | 2 | |
| | ERJ6GEYF472 M. | RESISTOR CH 1/10W 4.7K 1 | | | RJ6GEYF473 | | 8 | mana a danasana araban manana araban manana ma |
| | | RESISTOR CH 1/8W 390 2 | | | RJ6GEYG103 | | - | The boson of the state of the s |
| | | RESISTOR CH 1/10W 3.9K 1 | | | RJ6GEYF473 | M. RESISTOR CH 1/10W 10K M. RESISTOR CH 1/10W 47K | 2 | |
| | | RESISTOR CH 1/8W 390 2 | | | RJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | - 4 | Marie Committee of the |
| | | RESISTOR CH 1/10W 3.9K 1 | | | | M. RESISTOR CH 1/10W 4.7K | 4 | |
| | | RESISTOR CH 1/10W 10K 1 | | | *************************************** | M. RESISTOR CH 1/10W 47K | - | THE CONTRACT OF THE CONTRACT O |
| | | RESISTOR CH 1/10W 4.7K 2 | *************************************** | | | M. RESISTOR CH 1/10W 4.7K | - <u>;</u> - | The state of the s |
| | | RESISTOR CH 1/10W 10K 1 | | | | M. RESISTOR CH 1/10W 47K | - 1 | |
| | | RESISTOR CH 1/10W 3.3K 1 | | | | M. RESISTOR CH 1/10W 100 | | and the second s |
| | | RESISTOR CH 1/8W 390 2 | R | | | M. RESISTOR CH 1/10W 47K | 4 | |
| | | RESISTOR CH 1/10W 3.3K 1 | R | | | M. RESISTOR CH 1/10W 4.7K | 7 | |
| | | RESISTOR CH 1/8W 390 2 | RS | | | M. RESISTOR CH 1/10W 100 | 1 | |
| | | RESISTOR CH 1/10W 4.7K 1 | RE | | | M.RESISTOR CH 1/10W 4.7K | 2 | |
| | | RESISTOR CH 1/10W 10K 2 | RS | *************************************** | | M. RESISTOR CH 1/10W 100 | ᆉ | |
| *************************************** | | RESISTOR CH 1/10W 4.7K 1 | RS | | | M. RESISTOR CH 1/10W 22K | 计 | |
| | | RESISTOR CH 1/8W 390 2 | R5 | | | W. RESISTOR CH 1/10W 100 | il | |
| | | RESISTOR CH 1/10W 3.3K 1 | R5 | | | I. RESISTOR CH 1/10W 390K | il | |
| | | RESISTOR CH 1/8W 390 2 | R5 | | | I. RESISTOR CH 1/10W 10K | 1 | |
| | | RESISTOR CH 1/10W 3.3K 1 | R5 | 46 ER | | I. RESISTOR CH 1/10W 22K | 1 | |
| | RJ6GEYG103 M.F | RESISTOR CH 1/10W 10K 1 | R5 | 47-49 ER | | I.RESISTOR CH 1/10W 47K | 3 | *************************************** |
| | | | | | | | | |
| | | | | | | | | |

| | | | | | | | | · | |
|----------|---|---------------------------|-----|--|----------|-------------|---------------------------|----------|--|
| Ref. No. | Part No. | Part Name & DescriptionP | cs | Remarks R | Ref.No. | Part No. | Part Name & Description | Pc | Remarks |
| R550, 51 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 2 | | | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | 2 | 2 |
| R554-58 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 5 | CONTRACTOR OF THE CONTRACTOR O | | | M. RESISTOR CH 1/10W 2.2K | - 4 | The state of the s |
| R562-65 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 4 | | | | M. RESISTOR CH 1/10W 47K | 1 | |
| * | | M. RESISTOR CH 1/10W 47K | | | | | M. RESISTOR CH 1/10W 100K | 1 | |
| R580 | ERJ6GEYF473 | | -; | | | | M. RESISTOR CH 1/10W 10K | 2 |) |
| R585 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | -! | | | | M. RESISTOR CH 1/10W 820K | 1 | * |
| R59094 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | - 5 | | | | | | |
| R598 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | -1 | | | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | . | |
| R599 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | _1 | | | | M. RESISTOR CH 1/10W 47 | 24 | |
| R606,07 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 2 | | | | M. RESISTOR CH 1/10W 10K | | |
| R608 | ERJ6GEYG222 | M.RESISTOR CH 1/10W 2.2K | 1 | RE | 855, 56 | | M. RESISTOR CH 1/10W 0 | 2 | |
| R609 | ERJ6GEYF473 | M.RESISTOR CH 1/10W 47K | 1 | RE | 858, 59 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | |
| R610-17 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 8 | l RE | 860-62 | ERJ6GEYF473 | M.RESISTOR CH 1/10W 47K | 3 | 3 |
| R629 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | RE | 863,64 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 2 | <u></u> |
| R632 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 1 | RE | 865 | ERJ6RBD562 | M. RESISTOR CH 1/10W 5.6K | 1 | |
| R634 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | l RE | 866 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | |
| R636 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | l Re | 867 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | ALL LOCAL CONTRACTOR C |
| R638, 39 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | , | | | M. RESISTOR CH 1/10W 10K | 1 | |
| | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | - | | | ERJ6GEYG223 | M. RESISTOR CH 1/10W 22K | 1 | |
| R641 | ERJ6GEYG223 | M. RESISTOR CH 1/10W 22K | ; | | | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | |
| R642 | | | -; | | | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | | |
| R665 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | | | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | | |
| R705-10 | ERJ6GEYG394 | M. RESISTOR CH 1/10W 390K | ٥ | | | | M. RESISTOR CH 1/10W 1K | | |
| R711-16 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 6 | | | ERJ6GEYG470 | | | |
| R717 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | | | | M. RESISTOR CH 1/10W 1K | 1 | |
| R718, 19 | ERJ6GEYG101 | M.RESISTOR CH 1/10W 100 | 2 | | | | M. RESISTOR CH 1/10W 390K | _ 2 | |
| R723 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 1 | ,,, | | | M.RESISTOR CH 1/10W 47 | 2 | |
| R725 | ERJ6GEYG101 | M.RESISTOR CH 1/10W 100 | 1 | RE | | | M.RESISTOR CH 1/10W 1K | 1 | |
| R726 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | _1 | l R8 | 882,83 | ERJ6GEYG394 | M.RESISTOR CH 1/10W 390K | 2 | |
| R728 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | R8 | 884 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | |
| R729-31 | ERJ6GEYF473 | M.RESISTOR CH 1/10W 47K | 3 | R8 | 885 | ERJ6GEYG223 | M.RESISTOR CH 1/10W 22K | 1 | |
| R732-34 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 3 | R8 | 886 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | |
| R735 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | l R8 | 887, 88 | ERJ6GEYG394 | M.RESISTOR CH 1/10W 390K | 2 | |
| R736 | ERJ6GEYG104 | M.RESISTOR CH 1/10W 100K | -1 | | | | M.RESISTOR CH 1/10W 47 | 1 | |
| R737 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | - 1 | | | | M. RESISTOR CH 1/10W 0 | 4 | |
| | | M. RESISTOR CH 1/10W 220 | | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| R738 | ERJ6GEYG221 | | | | | | M. RESISTOR CH 1/10W 0 | | |
| R739, 40 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | -{ | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| R741,42 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | - 2 | | | | | , | |
| R743, 44 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 2 | | | | | | |
| R745, 46 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 2 | | | | M. RESISTOR CH 1/10W 100K | | |
| R747 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | | | | M. RESISTOR CH 1/10W 10K | 1 | |
| R748 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | andre a second contract to the contract of the | | .,,,, | M.RESISTOR CH 1/10W 100K | 1 | |
| R749,50 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 2 | | | | M. RESISTOR CH 1/10W 10K | 1 | |
| R751 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 1 | | | | M.RESISTOR CH 1/10W 270 | _1 | |
| R754 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | R9 | 929 | | M.RESISTOR CH 1/10W 47K | 1 | |
| R755 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | R9 | 930-32 | | M.RESISTOR CH 1/10W 10K | 3 | |
| R757-59 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 3 | R9 | 934 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | |
| R762 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 1 | l R9 | 936 | ERJ6GEYG101 | M.RESISTOR CH 1/10W 100 | 1 | |
| R764,65 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | l R9 | | | M. RESISTOR CH 1/10W 0 | 3 | |
| R766 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | 1 | l R9 | | | M. RESISTOR CH 1/10W 0 | 2 | |
| R767-69 | | M. RESISTOR CH 1/10W 10K | 3 | | | | M. RESISTOR CH 1/10W 0 | 1 | and the same of th |
| R770 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | ; | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| R771 | | | - ; | | | | M. RESISTOR CH 1/10W 1M | 1 | |
| R772 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | -; | | | | M. RESISTOR CH 1/10W 180K | <u>'</u> | |
| R773 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | - 1 | ., | | | | 1 | |
| R774 | ERJ6GEYG220 | M. RESISTOR CH 1/10W 22 | 1 | | | · | M. RESISTOR CH 1/10W 1M | - | |
| R775,76 | ERJ6GEYG332 | M. RESISTOR CH 1/10W 3.3K | 2 | | | | M. RESISTOR CH 1/10W 180K | ! | |
| R777 | ERJ6GEYG222 | M.RESISTOR CH 1/10W 2.2K | 1 | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| R778-81 | ERJ6RBD332 | M. RESISTOR CH 1/10W 3.3K | 4 | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| R782 | ERJ6RED470 | M. RESISTOR CH 1/10W 47 | 1 | | | | M. RESISTOR CH 1/10W 47 | 1 | |
| R783 | ERJ6RBD562 | MLRESISTOR CH 1/10W 5.6K | _1 | | | | M.RESISTOR CH 1/10W 0 | 1 | |
| R784 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | R9 | 961–68 E | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 8 | |
| R785 | ERJ6RBD562 | M. RESISTOR CH 1/10W 5.6K | 1 | R9 | 979-84 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 6 | |
| R786 | ERJ6RED820 | M.RESISTOR CH 1/10W 82 | 1 | R9 | 985 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 1 | |
| R787 | ERJ6RED470 | M. RESISTOR CH 1/10W 47 | ᇻ | | | | M. RESISTOR CH 1/10W 0 | 2 | |
| R788 | ERJ6RBD562 | M. RESISTOR CH 1/10W 5.6K | 1 | | | | M.RESISTOR CH 1/10W 1M | 1 | (************************************* |
| R789 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | + | | | | M. RESISTOR CH 1/10W 0 | 1 | |
| | • | | -¦ | | | | M. RESISTOR CH 1/10W 0 | 2 | gramma, and a state of the stat |
| R790 | ERJ6RBD123 | | -;+ | | | | M. RESISTOR CH 1/10W 1M | 1 | |
| R791 | ERJERBD683 | M. RESISTOR CH 1/10W 68K | -; | | | | | - | |
| R792 | ERJ6GEYG394 | M. RESISTOR CH 1/10W 390K | 1 | | | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| R793 | ERJ6RBD333 | M. RESISTOR CH 1/10W 33K | 4 | · · · · · · · · · · · · · · · · · · · | | | M. RESISTOR CH 1/10W 0 | | |
| R794,95 | ERJ6GEYG223 | M.RESISTOR CH 1/10W 22K | 2 | | | | M.RESISTOR CH 1/10W 1M | | ************************************** |
| R796 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | | | | M. RESISTOR CH 1/10W 0 | _ [| 1991 (1910 - 1911 (1910 - 1911 (1911 |
| R797,98 | ERJ6RBD102 | M.RESISTOR CH 1/10W 1K | 2 | | | | M. RESISTOR CH 1/10W 0 | 2 | |
| R799 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 1 | | | | M.RESISTOR CH 1/10W 1M | 1 | |
| R800,01 | ERJ6GEYOROO | MLRESISTOR CH 1/10W 0 | 2 | Ric | | | M.RESISTOR CH 1/10W 0 | 1 | |
| R802 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | 1 | RIC | 010,11 E | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 2 | |
| | | | 1 | | | | | | No. 100 |
| | | | | | ······ | | | | |
| | | | _ | | | | | _ | |

| Ref. No. | | Part Name & Description | nΡ | s Remarks | Ref. | No. | . Part No | o. Part Name & Descri | nt i | b. | D |
|-------------|----------------|---------------------------|----------|--|---|-----------|----------------------|--|-----------|----------|--|
| R1012 | ERJ6GEYG105 | | | 1 | C3881 | | | |). 10 | | cs Remarks |
| R1013 | ERJ6GEY0R00 | | 1. | 1 | C3888 | 8, 89 | | | | | 2 |
| R1015, 16 | | | | 2 | C3890 |) | | 1011 | 15P | | 1 |
| R1017 | ERJ6GEYG105 | | | 1 | C3891 | | ECEV0JV330 | 10 IF 0101-1 | 330 | | 1 |
| R1018 | ERJ6GEY0R00 | | | 1 | C3892 | | ECUM1E1042 | | . 10 | | 1 |
| R1020,21 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | 2 | C3893 | | ECUM1H150 | 1011 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 15P | | 1 |
| | | | | *************************************** | C3931 | | | | 10U | | 2 |
| SW501 | VSS0367-08B | SWITCH | | 1 | C3934 | | | | | +- | 3 |
| | | | 1 | | C3937 | | | | . 1U | | 3 |
| TG1 | EYF6CU | TEST POINT | 7- | 1 | C3943 | | ECHATE 1047 | THE A STATE OF THE | 22U | - -' | 6 |
| TG701 | EYF6CU | TEST POINT | 1 | 1 | C3971- | | ECUMIETO42 | THE A SERVICE | . 10 | | 9 |
| | | 7,1 | | | C3984 | | ECEV1CV100 | | . 10 | 6 | 5 |
| TP8 | EYF6CU | TEST POINT | 1 | | C3985, | | | | 100 | | 1 |
| TP13, 14 | EYF6CU | TEST POINT | | } | C3987, | | ECEVOJV101 | | . 10 | 1 2 | 2 |
| | İ | | | | C3989, | | | | 00U | 2 | 2 |
| X1 | VSX0641 | CRYSTAL OSCILLATOR | 1 | | C3991, | ••••• | ECEV1CV100 | | 10 | 2 | * |
| X500 | VSX0641 | CRYSTAL OSCILLATOR | 1 | | 53331, | 32 | IECEA1CA100 | Q E. CAPACITOR CH 16V | IOU | 2 | |
| X701 | VSX0654 | CRYSTAL OSCILLATOR | 1 | | D3741 | | L NI OFICE | | | 1_ | |
| X702 | VSX1001 | CRYSTAL OSCILLATOR | 1 | | | 40 | LN1251CAL | DIODE | | 1 | |
| | | | 1 | · · · · · · · · · · · · · · · · · · · | D3931- | | LN1251CAL | DIODE | | 2 | |
| | | MISCELLANEOUS | 1 | | | 33 | MA715 | DIODE | | 3 | |
| | | • | f | | D3981 | | MA701A | DIODE | | 1 | |
| | VML2143 | CARD PULLER | 1 | | D3983 | | MA701A | DIODE | | 1 | |
| | VML2144 | CARD PULLER | ; | What was a state of the state o | D3985 | | MA701A | DIODE | | 1 | |
| | 1 | | ' | | | | | | | | 777.4 |
| | | | ļ | | I IC1 | | M31020EAVP | IC | |]] | FOR VEP88234M BLANK ROM |
| | | | | | ID1 | | VVVS12978A | | | | SOFTWARE |
| | 1 | | L_ | | | | MC10H125M | IC | | 3 | |
| | | | | 71,74,74 | *************************************** | | TLCX125F | IC | | 3 | |
| ■ E4 | VEP83444A | F3 NON TRK P.C.BOARD | | /DTL \ | | | 74F125SJ | IC | | 3 | |
| | VEP88234M | NON TRK SUB P.C.BOARD | | (RTL) | 1C3161 | | M65501FP | IC | | 1 | |
| | 7 L7 002 3 4 m | NON THE SUB P. C. BUARD | 1 | (RTL)FOR VEP83444A | IC3201 | [| M65501FP | IC | | 1 | *************************************** |
| | | | | | IC3241 | | M65501FP | IC | | 1 | |
| C1-C4 | ECUVIETO AZEV | C CADACITOD OU OF | | | 1C3281 | | M65501FP | IC | | 1 | *** |
| | | C. CAPACITOR CH 25V 0.1U | - 4 | FOR VEP88234M | IC3321 | _]ı | M65501FP | IC | | il | |
| | | C. CAPACITOR CH 25V 0.1U | 9 | | 103361 | _]ı | M65501FP | IC | | 1 | *************************************** |
| | | | 12 | | IC3401 | þ | M 4128-6410VC | ic ic | + | 111 | BLANK ROM |
| | ECHMICIOAZEN | C. CAPACITOR CH 25V 0.1U | 6 | | ID3401 | _ [| VVVS13030B | | | | SOFTWARE |
| | | C. CAPACITOR CH 25V 0.1U | 9 | | 1C3402 | l | JPD42280G3 | IC | \dashv | 7 | · · · · · · · · · · · · · · · · · · · |
| | ECUMIE 104ZFN | C. CAPACITOR CH 25V 0.1U | 9 | | IC3421 | l. | 44128-6410VC | IC | | 1 6 | BLANK ROM |
| | | C. CAPACITOR CH 25V 0.1U | 9 | | ID3421 | V | /VVS13030B | | | | SOFTWARE |
| | | C. CAPACITOR CH 25V 0.1U | 9 | | 1C3422 | lu | JPD42280G3 | 10 | | - 1 | OI INANC |
| C3321-29 E | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 9 | | IC3441 | M | 4128-6410VC | AD | | 1 | BLANK ROM |
| C3361-69 E | | C. CAPACITOR CH 25V 0.1U | 9 | | ID3441 | | VVS13030B | · Varia | | | OFTWARE |
| | | C. CAPACITOR CH 25V 0.1U | 5 | | IC3442 | U | PD42280G3 | IC | | 1 | OT THANK |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | IC3461 | _ | 4128-6410VC | | | 1 0 | LANK ROM |
| | | C. CAPACITOR CH 25V 0.1U | 5 | The state of the s | ID3461 | | VVS13030B | | | ****** | OFTWARE |
| | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | | IC3462 | U | PD42280G3 | IC | | 1 3 | JT ITANE |
| C3441-45 E | CUMIE104ZFN (| C. CAPACITOR CH 25V 0.1U | 5 | | IC3481 | | 4128-6410VC | 770 | -+- | 1 0 | LANK ROM |
| C3447 E | CUMIE 104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | | ID3481 | V | VVS13030B | | | | OFTWARE |
| | | | 5 | | IC3482 | UF | PD42280G3 | IC | | 1 | JE I HANG |
| | | C. CAPACITOR CH 25V 0.1U | 1 | *************************************** | IC3501 | | 4128-6410VC | ic | + | 1 0 | _ANK ROM |
| | | | 5 | ··· · · · · · · · · · · · · · · · · · | ID3501 | | /VS13030B | | | | |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | IC3502 | | PD42280G3 | IC | | 1 | DETWARE |
| | CUM1E104ZFN C | C. CAPACITOR CH 25V 0.1U | 5 | 70.00 | | | 381V4260S7 | IC | -+- | - | ANAL |
| | | C. CAPACITOR CH 25V 0.1U | 1 | **** | IC3523 | *** | F10K50VRC4 | IC | | 1 | |
| | | | 8 | | IC3524 | | 13031A | IC | | : | |
| | | . CAPACITOR CH 50V 150P | 1 | | | | 81V4260S7 | IC | | 1 | |
| | | . CAPACITOR CH 25V 0.1U | 7 | | IC3527 | | 0726ANDP | IC . | - | 4 | |
| | | . CAPACITOR CH 25V 0.1U 6 | 6 | | IC3571,72 | | | IC | | <u> </u> | A |
| | CUMIE104ZFN C. | . CAPACITOR CH 25V 0.1U 5 | 5 | | IC3571, 72 | | ALS541SJ | 1C | 4-2 | 4 | |
| | CUMIE104ZFN C. | . CAPACITOR CH 25V 0.1U 6 | 3 | | 1C3573 | | 74LS244NS | IC | [| : | annon produce and the statement of the s |
| | CUMTE104ZFN C. | .CAPACITOR CH 25V 0.1U 6 | 5 | | 1C3575 | | ALS541SJ | IC | 4. | 4 | |
| | CUMIE104ZFN C. | CAPACITOR CH 25V 0.1U 2 | | | 1C3621 | | HC153F | IC | +-' | 4_ | |
| | | CAPACITOR CH 25V 0.1U 5 | 1 | | | · | HC153F
HC244F | | 1. | 4 | |
| 3741 EC | | CAPACITOR CH 25V 0.1U 1 | † | | 103624,25 | - | | IC | - 2 | 4_ | |
| 3742, 43 EC | | CAPACITOR CH 50V 100P 2 | 4 | 99 | 1C3624, 25 | | | IC | 2 | 4 | |
| | | CAPACITOR CH 50V 100P 1 | † | | | | | IC | 1 | 1 | |
| | | CAPACITOR CH 25V 0.1U 23 | t | | | | | IC | \perp 1 | | INK ROM |
| | | CAPACITOR CH 25V 0.1U 4 | ļ | Manager Manage | *************************************** | ********* | /S13030B | | 1 | SOF | TWARE |
| | | CAPACITOR CH 25V 0.1U 1 | - | | | ~ | | IC | 1 | | |
| | | CAPACITOR CH 25V 0.1U 5 | ļ | | | | | IC . | 1 | BLA | NK ROM |
| | | CAPACITOR CH 50V 150P 1 | ļ | | | | S13030B | Market 1986 | | SOF | TWARE |
| | | CAPACITOR CH 25V 0.1U 8 | | | | | ~ | C | 1 | | and the second s |
| | | CAPACITOR CH 50V 0.01U 1 | ļ | 10/10/1 | | | | C | 1 | BLA | NK ROM |
| | | | ļ | | | | S13030B | | | | TWARE |
| | | CAPACITOR CH 25V 0.1U 2 | | | IC3702 | NVH | C244F | C | 1 | | |
| | | | | manage parameter appearance of the second | | | | | | | decision from a commission of the following the second commission and the second commission of t |
| | | | _ | | | | | | | | * |
| | | | | | | | | | | | |

| Ref.No. | | T | _ | | | <u> </u> |
|---|---|---|------------------------|--|---|--|
| | Part No. | Part Name & Description | nPc | s Remarks Ref.No | . Part No. | Part Name & DescriptionPcs Remarks |
| 1C3741 | NVHC244F | IC | | R3251-5 | 4 ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K 4 |
| IC3771 | NVHC138F | IC | | R3256 | ERJ6GEYG101 | M. RÉSISTOR CH 1/10W 100 1 |
| 1C3772 | NVHC244F | IC | T | R3259, 6 | ERJ6GEYG220 | M. RESISTOR CH 1/10W 22 2 |
| 103773,74 | TVHT573F | IC | 1 | R3261-7 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 15 |
| IC3775 | NVHC32F | IC | 1 | R3281-8 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 5 |
| | NVHC245F | IC | | R3286-9 | ERJ6GEY0R00 | |
| IC3778 | T74LCX245F | Ic | 1 | R3291-94 | | |
| IC3779 | NVHC32F | IC | 1 | R3296 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| *************************************** | NVHC245F | Tic | + | | | |
| IC3780-83 | NVHC32F | ic | + | R3301-1 | | |
| 1 | | lic | | R3321-2 | | |
| | NVHC245F | ···· | +-: | | | |
| 103789 | NVHC32F | IIC | + | R3326-30 | | |
| 1C3790-93 | | IC | 1 | R3331-34 | | |
| 1C3801 | NVHC08F | 16 | 1 | R3336 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| 1C3802 | 1DT71321L55F | 16 | | R3339, 40 | | |
| 1C3803 | NVHC00F | IC | | R3341-55 | | |
| 1C3804 | TVHT244F | IC | 1 | R3361-65 | ERJ6GEYG103 | |
| IC3811 | IDT71321L55F | IC | | | ERJ6GEY0R00 | |
| IC3821, 22 | SN74S1051NS | IC | 1 3 | R3371-74 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 4 |
| IC3823,24 | 74F541SJ | IC | 2 | R3376 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| 1C3825 | 74F245SJ | Ic |] 1 | R3379, 80 | ERJ6GEYG220 | M. RESISTOR CH 1/10W 22 2 |
| IC3841,42 | SN74S1051NS | ic | 2 | R3381-95 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 15 |
| | 74F541SJ | IC | 1 2 | R3401 | ERJ6GEYG680 | to the second se |
| IC3845 | 74F245SJ | IC | 1 | R3402 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| IC3846 | 74AC138SJ | IC | 1 | R3403 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 1 |
| IC3847 | NVHC244F | IC | 1 , | R3404, 05 | | |
| 1C3848 | UP071055GB | lic | 1 | R3421 | ERJ6GEYG680 | M. RESISTOR CH 1/10W 68 1 |
| 1C3850 | 74F04SJ | IC | ti | R3422 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| 1C3851 | 74F32SJ | lic | + | R3423 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 1 |
| IC3881 | MC10H125M | IC | +-; | R3424. 25 | | M. RESISTOR CH 1/10W 4,7K 2 |
| 1C3882 | NVHU04F | IC | 1-; | R3441 | ERJ6GEYG680 | |
| | | , | 1 3 | | | |
| | T74LCX244F | IC | - | R3442 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| | NJM2904M | IC | 6 | R3443 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 1 |
| | NJM2903M | IC | 1 3 | R3444, 45 | | M. RESISTOR CH 1/10W 4.7K 2 |
| 1C3971 | M4128-6410VC | IC | 1 | R3461 | ERJ6GEYG680 | M. RESISTOR CH 1/10W 68 1 |
| | T74LCX245F | l C | 2 | R3462 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| 1C3983 | LT1086CM | IC | 1 | R3463 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 1 |
| | | | ļ | R3464,65 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 2 |
| IS3524 | VJS3096308 | IC SOCKET | 1 | R3481 | ERJ6GEYG680 | M. RESISTOR CH 1/10W 68 1 |
| | | | 1 | R3482 | ERJ6GEYG101 | M.RESISTOR CH 1/10W 100 1 |
| L3931 | VL00319K470 | COIL 47UH | 1 | R3483 | ERJ6GEYG470 | M.RESISTOR CH 1/10W 47 1 |
| L3981-83 | VLF1151A132 | COIL 1300UH | 3 | R3484, 85 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 2 |
| | | | Π | R3501 | ERJ6GEYG680 | M. RESISTOR CH 1/10W 68 1 |
| P1 | VJP4106A120L | CONNECTOR | 1 | FOR VEP88234M R3502 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| P3001,02 | VJP3454B096 | CONNECTOR (MALE) | 2 | R3503 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 1 |
| P3571 | VJP3125D008 | CONNECTOR (MALE) | 1 | R3504,05 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 2 |
| P3741 | VJ\$4106A120L | CONNECTOR | 1 | R3521-36 | | M.RESISTOR CH 1/10W 5.6K 16 |
| | | | † | R3538 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| 0R3841,42 | MIN2214 | TRANSISTOR-RESISTOR | 2 | | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 3 |
| | | | ┢▔ | R3542 | ERJ6GEY0R00 | MLRESISTOR CH 1/10W 0 1 |
| B3001_31 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 31 | R3543 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| | | M. RESISTOR CH 1/10W 0 | 1 | R3544-51 | | M. RESISTOR CH 1/10W 1K 8 |
| | | M. RESISTOR CH 1/10W 0 | - 7 | R3552-67 | | M. RESISTOR CH 1/10W 5.6K 16 |
| | | M. RESISTOR CH 1/10W 0 | - | R3568 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R3055-88 | | M. RESISTOR CH 1/10W 56 | 24 | R3571 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 0 1 |
| R3089-00 | | M. RESISTOR CH 1/10W 22 | 12 | R3572 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 10K 1 |
| R3105 | | M. RESISTOR CH 1/10W 22 | '- | R3572
R3573-89 | ERJ6GEYG102 | |
| | | | | R3590, 91 | | |
| R3110 | | M. RESISTOR CH 1/10W 100 | | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 2 |
| R3115 | | M. RESISTOR CH 1/10W 100 | 1 | R3592 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| | | M. RESISTOR CH 1/10W 22 | 24 | R3593 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| | | M. RESISTOR CH 1/10W 10K | 10 | R3594, 95 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 2 |
| | | M. RESISTOR CH 1/10W 10K | 5 | R3596 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 1 |
| | ***** | M. RESISTOR CH 1/10W 0 | 5 | R3598-00 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 3 |
| | | M.RESISTOR CH 1/10W 1K | 4 | R3601,02 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 2 |
| R3176 | • | M.RESISTOR CH 1/10W 100 | 1 | R3603-06 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 4 |
| | ERJ6GEYG220 | M.RESISTOR CH 1/10W 22 | 2 | R3607-10 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 4 |
| R3179,80 | | M.RESISTOR CH 1/10W 0 | 15 | R3611 | ERDS2TJ182 | C.RESISTOR 1/4W 1.8K 1 |
| R3179,80 | ERJ6GEY0R00 | | - | R3621-25 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 5 |
| R3179,80
R3181-95 | | M.RESISTOR CH 1/10W 10K | | | LED ICCEVADOR | The state of the s |
| R3179, 80
R3181-95
R3201-05 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K
M. RESISTOR CH 1/10W 0 | 5 | R3627-30 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 4 |
| R3179, 80
R3181-95
R3201-05
R3206-10 | ERJ6GEYG103
ERJ6GEY0R00 | | 5
4 | R3627-30
R3631-34 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 0 4 M. RESISTOR CH 1/10W 100 4 |
| R3179, 80
R3181-95
R3201-05
R3206-10 | ER.#GEYG103
ER.#GEY0R00
ER.#GEYG102 | M.RESISTOR CH 1/10W 0 | 5
4
1 | | | |
| R3179, 80
R3181-95
R3201-05
R3206-10
R3211-14
R3216 | ERJ6GEYG103
ERJ6GEY0R00
ERJ6GEYG102
ERJ6GEYG101 | M.RESISTOR CH 1/10W 0 M.RESISTOR CH 1/10W 1K | 5
4
1 | R3631-34 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 4
M. RESISTOR CH 1/10W 68 1 |
| R3179, 80
R3181-95
R3201-05
R3206-10
R3211-14
R3216
R3219, 20 | ERJ6GEYG103
ERJ6GEYGR00
ERJ6GEYG102
ERJ6GEYG101
ERJ6GEYG220 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 22 | 1 2 | R3631-34
R3641 | ERJ6GEYG101
ERJ6GEYG680
ERJ6GEYG470 | M. RESISTOR CH 1/10W 100 4
M. RESISTOR CH 1/10W 68 1
M. RESISTOR CH 1/10W 47 1 |
| R3179, 80
R3181-95
R3201-05
R3206-10
R3211-14
R3216
R3219, 20
R3221-35 | ERJ6GEYG103 ERJ6GEYGR00 ERJ6GEYG102 ERJ6GEYG101 ERJ6GEYG220 ERJ6GEYOR00 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 22 M. RESISTOR CH 1/10W 0 | 5
4
1
2
15 | R3631-34
R3641
R3642
R3643 | ERJ6GEYG101
ERJ6GEYG680
ERJ6GEYG470
ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 4
M. RESISTOR CH 1/10W 68 1
M. RESISTOR CH 1/10W 47 1
M. RESISTOR CH 1/10W 100 1 |
| R3179, 80
R3181-95
R3201-05
R3206-10
R3211-14
R3216
R3219, 20
R3221-35
R3241-45 | ERJ6GEYG103 ERJ6GEYG102 ERJ6GEYG101 ERJ6GEYG220 ERJ6GEYGR00 ERJ6GEYGR00 ERJ6GEYG103 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 22 M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 10K | 4
1
2
15 | R3631-34
R3641
R3642
R3643
R3644, 45 | ERJ6GEYG101
ERJ6GEYG680
ERJ6GEYG470
ERJ6GEYG101
ERJ6GEYF472 | M. RESISTOR CH 1/10W 100 4 M. RESISTOR CH 1/10W 68 1 M. RESISTOR CH 1/10W 47 1 M. RESISTOR CH 1/10W 100 1 M. RESISTOR CH 1/10W 4.7K 2 |
| R3179, 80
R3181-95
R3201-05
R3206-10
R3211-14
R3216
R3219, 20
R3221-35
R3241-45 | ERJ6GEYG103 ERJ6GEYG102 ERJ6GEYG101 ERJ6GEYG220 ERJ6GEYGR00 ERJ6GEYGR00 ERJ6GEYG103 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 22 M. RESISTOR CH 1/10W 0 | 4
1
2
15 | R3631-34
R3641
R3642
R3643 | ERJ6GEYG101
ERJ6GEYG680
ERJ6GEYG470
ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 4
M. RESISTOR CH 1/10W 68 1
M. RESISTOR CH 1/10W 47 1
M. RESISTOR CH 1/10W 100 1 |
| R3179, 80
R3181-95
R3201-05
R3206-10
R3211-14
R3216
R3219, 20
R3221-35
R3241-45 | ERJ6GEYG103 ERJ6GEYG102 ERJ6GEYG101 ERJ6GEYG220 ERJ6GEYGR00 ERJ6GEYGR00 ERJ6GEYG103 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 22 M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 10K | 4
1
2
15 | R3631-34
R3641
R3642
R3643
R3644, 45 | ERJ6GEYG101
ERJ6GEYG680
ERJ6GEYG470
ERJ6GEYG101
ERJ6GEYF472 | M. RESISTOR CH 1/10W 100 4 M. RESISTOR CH 1/10W 68 1 M. RESISTOR CH 1/10W 47 1 M. RESISTOR CH 1/10W 100 1 M. RESISTOR CH 1/10W 4.7K 2 |

| R3651 | o. Part No | | | Remarks Ref. | No. I | Part No. | Part Name & Descrip | tio | nPcs Remarks |
|----------|---|--|--|--------------|---|---|---|--------------|--|
| R3652 | ERJ6GEYG68 | | | R3871 | | J6GEYG821 | AL DECLARATE CONTRACTOR | 320 | 1 Aemarks |
| R3653 | ERJ6GEYG47 | | | R3872 | ER. | J6GEY0R00 | M. RESISTOR CH 1/10W | 0 | 1 |
| R3654, 5 | ERJ6GEYG10 | | | R3873 | ER. | J6GEYG821 | | 320 | 1 |
| R3656 | 5 ERJ6GEYF47
ERJ6GEYG22 | | | R3874 | ERO | DS2TJ473 | | 7K | 1 1 |
| R3661 | | | | R3881 | , 82 ER. | J6GEY0R00 | M. RESISTOR CH 1/10W | 0 | 1 2 |
| R3681 | ERJ6GEYG10 | | | R3883 | 86 ER. | J6GEYG560 | M. RESISTOR CH 1/10W | 56 | 4 |
| R3682 | ERJ6GEY0R0 | | | R3887 | ER. | J6GEYG105 | M. RESISTOR CH 1/10W | 1 M | 1 1 |
| R3683 | ***************************** | | | R3888 | ER.J | J6GEYJ431 | M. RESISTOR CH 1/10W 4 | 30 | 1 |
| R3684 | ERJ6GEY0R0 | | | R3889 | ,90 ERJ | J6GEYG470 | 1 | 47 | 2 |
| | ERJ6GEYJ47 | | | R3892 | ,93 ERJ | J6GEY0R00 | M. RESISTOR CH 1/10W | 0 | 2 |
| R3685 | ERJ6GEY0R00 | | | R3894 | -96 ERJ | J6GEYG101 | | 00 | 3 |
| R3686 | ERJ6GEYJ47 | | | R3897 | -11 ERJ | 16GEYG470 | | 47 | 15 |
| R3687 | ERJ6GEY0R00 | | 1 | R3913 | -18 ERJ | 6GEYG220 | | 22 | 16 |
| R3688 | ERJ6GEYJ471 | | 1 | R3931 | ······································ | 6GEYG470 | | 47 | 6 |
| R3689 | ERJ6GEY0R00 | | 1 | R3937 | | 6GEYG474 | M. RESISTOR CH 1/10W 47 | | 1 |
| R3690 | ERJ6GEYJ471 | | 1 | R3938 | | 6GEYOROO | M. RESISTOR CH 1/10W | 0 | 1 |
| R3691 | ERJ6GEY0R00 | | 1 | R3939 | | 6GEYG474 | M. RESISTOR CH 1/10W 47 | *********** | |
| R3692 | ERJ6GEYJ471 | | 1 | R3940 | | | M. RESISTOR CH 1/10W | 0 | 1 |
| R3693 | ERJ6GEY0R00 | | 1 | R3941 | | *************************************** | | | |
| R3694 | ERJ6GEYJ471 | | 1 | R3942 | | | M. RESISTOR CH 1/10W 470 M. RESISTOR CH 1/10W | | |
| R3695 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | R3943 | *************************************** | | M. RESISTOR CH 1/10W 470 | 0 | |
| R3696 | ERJ6GEYJ471 | 7,0 | 1 | R3944 | | | | | 1 |
| R3709-16 | ERJ6GEY0R00 | | | R3945 | | | | 0 | |
| R3717 | ERJ6GEYG680 | | 11 | R3946 | | | M. RESISTOR CH 1/10W 470 | | |
| R3718 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | R3947 | | | | 0 | |
| R3719,20 | ERJ6GEYG203 | | | R3947 | | | M. RESISTOR CH 1/10W 470 | | 1 |
| R3721 | ERJ6GEYG103 | | 1 | | | | | 0 | 1 |
| R3722,23 | | | 2 | R3949- | | | M.RESISTOR CH 1/10W 2.7 | | 6 |
| R3724 | ERJ6GEYG203 | M. RESISTOR CH 1/10W 20K | 1 | R3955- | | | M.RESISTOR CH 1/10W 270 | K [| 6 |
| R3725 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | +; | R3961- | | | M. RESISTOR CH 1/10W 10 | K | 3 |
| R3726 | ERJ6GEYG203 | M. RESISTOR CH 1/10W 20K | | R3964-I | | | M.RESISTOR CH 1/10W 2.7 | | 6 |
| R3727 | ERJ6GEYG101 | | | R3971 | | | M.RESISTOR CH 1/10W 6 | В | 1 |
| R3728,29 | ERJ6GEYG203 | | - | R3972 | | | M.RESISTOR CH 1/10W 10 |) | 1 |
| R3730 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 20K | 1 2 | R3973, 7 | 4 ERJ6 | GEYF472 | M.RESISTOR CH 1/10W 4.7 | | 2 |
| R3731 | ERJ6GEYG203 | M. RESISTOR CH 1/10W 10K | 11 | R3976 | ERJ60 | GEYOROO | M. RESISTOR CH 1/10W |) | 1 |
| R3732 | | M. RESISTOR CH 1/10W 20K | 11 | R3978 | ERJ60 | GEYOROO | M. RESISTOR CH 1/10W |) | 1 |
| | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 11 | R3988 | ERJ60 | | M. RESISTOR CH 1/10W 120 | | 1 |
| R3733 | ERJ6GEYG203 | M. RESISTOR CH 1/10W 20K | 1 | R3989 | ERJ60 | | N. RESISTOR CH 1/10W 180 | | 1 |
| R3734 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | R3993 | ERJ60 | | A. RESISTOR CH 1/10W 180 | | 1 |
| R3735 | ERJ6GEYG203 | M. RESISTOR CH 1/10W 20K | 1 | | | | , , , , , , , , , , , , , , , , , | -+ | |
| R3742 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 11 | TG3401 | EYF60 | CU T | EST POINT | + | 1 |
| R3743 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | T63521 | EYF60 | | EST POINT | | 1 |
| R3746 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | TG3741 | EYF60 | | EST POINT | | · · · · · · · · · · · · · · · · · · · |
| | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | | | , | 201 10111 | | |
| | ERJ6GEYG122 | M.RESISTOR CH 1/10W 1.2K | 2 | TP3401 | EYF6C | 1) T | EST POINT | | |
| R3751 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 1 | TP3421 | EYF6C | | EST POINT | | <u> </u> |
| 13752 | ERJ6GEYG821 | M. RESISTOR CH 1/10W 820 | 1 | TP3441 | EYF60 | | EST POINT | | 1 |
| 3754 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 1 | TP3461 | EYF6C | | | | 1 |
| 3755-59 | ERJ6GEYG122 | M. RESISTOR CH 1/10W 1.2K | 5 | TP3481 | EYF6CI | | EST POINT | - | 1 |
| 3760 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | TP3501 | EYF6C | | EST POINT | _ _ | 1 |
| | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 1 | TP3522-2 | | | EST POINT | 4_ | 1 |
| | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 3 | TP3522-2 | | | EST POINT | | 3 |
| | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 3 | | EYF6CL | | EST POINT | 1 | 1 |
| | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | TP3543, 4 | | | EST POINT | | 2 |
| | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | TP3548 | EYF6CL | | ST POINT | | 1 |
| | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | | TP3557-5 | | | ST POINT | | 3 |
| | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | TP3714,1 | | | ST POINT | 1 | 2 |
| | | M. RESISTOR CH 1/10W 100 | 13 | TP3742 | EYF6CU | ı İTE | ST POINT | 1 | 1 |
| | | | 13 | | ļ | | | J | |
| | | | -: - | X3881 | VSX097 | | YSTAL OSCILLATOR |] | 1 |
| | - | | | X3882 | VSX097 | O CR | YSTAL OSCILLATOR | 1 | 1 |
| | | *************************************** | 1 | | 1 | | | 1 | |
| | | M. RESISTOR CH 1/10W 10K | 4 | | | MI | SCELLANEOUS | 1 | |
| | | M. RESISTOR CH 1/10W 100 | 2 | | | | | 1 | ************************************** |
| | | M. RESISTOR CH 1/10W 2.7K | 11 | | VML214 | 3 CAI | RD PULLER | 1 | 1 |
| | | M. RESISTOR CH 1/10W 100 | 2 | | VMS6278 | | ST | 2 | FOR VEP88234M |
| | *************************************** | M. RESISTOR CH 1/10W 10K | 5 | | XYN3+K | 5 SCF | REW | - | FOR VEP88234M |
| | | M.RESISTOR CH 1/10W 100 | - 1 | | ХWАЗВ | WAS | SHER | | FOR VEP88234M |
| | | M.RESISTOR CH 1/10W 4.7K | 4 | | XNG3BS | רטא | T | | FOR VEP88234M |
| | | M. RESISTOR CH 1/10W 2.7K | 8 | | T | | | † | |
| | | M.RESISTOR CH 1/10W 4.7K | 2 | | T | | | | |
| | | M.RESISTOR CH 1/10W 100K | 1 | | † | | | - | |
| | | M.RESISTOR CH 1/10W 0 | 1 | | 1 | | 91. (| ļ | |
| 65 F | RJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | | | | ~ 1114 | - | |
| | | M. RESISTOR CH 1/10W 0 | 1 | ■ E5 | VEP8345 | 2A F. | COL MAIN D. C. DOLLOS | ļ., | (07) |
| 66 E | | | | E C) | 114 0343 | /cn F4 | SDI MAIN P.C.BOARD |] 1 | (RTL) |
| 66 E | RJ6GEYG101 | M.RESISTOR CH 1/10W 100 | 1(| 11 | l | | | , | T |
| 66 E | | M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 0 | 2 | | ECEV10V | 4700 - | ADACTION OF TOX | | |
| 66 E | | | 2 | C1 | ECEV1CV | 4700 E.C. | APACITOR CH 16V 47U | 1 | |

| г | | T | _ | | | T . | T | | |
|-------------------|----------------------------|--|-----|--|--------------------|----------------------------|---|--------------|--|
| Ref.No. | Part No. | Part Name & Description | Pcs | Remarks | Ref. No. | Part No. | Part Name & Description | Pc | s Remarks |
| C3 | | C. CAPACITOR CH 25V 0.1U | 1 | | 10643 | AN7805F | IC | | |
| C5 | | E. CAPACITOR CH 16V 47U | 1 | | IC751-53 | 74ALS541SJ | IC | <u>ا</u> - ا | 3 |
| C6 | | C. CAPACITOR CH 25V 0.1U | ! | | 10754 | SN74S1051NS | | - | |
| C7 | | E. CAPACITOR CH 16V 47U | 片 | | 1C755
1C756 | 74ALS245ASJ
SN74S1051NS | IC IC | | |
| C8, C9 | | C. CAPACITOR CH 25V 0.1U | 2 | | 10758, 59 | UPD71055GB | IC IC | | |
| C11 | | E. CAPACITOR CH 16V 47U
C. CAPACITOR CH 25V 0.1U | | | 10758, 39 | 74F04\$J | IIC | 1 | |
| C13 | | E. CAPACITOR CH 25V 0.1U | ; | | 1C801 | M4128-6410VC | lic | H | BLANK ROM |
| C14
C15 | ļ | C. CAPACITOR CH 25V 0.1U | | | ID801 | VVVS13005A | | | SOFTWARE |
| C295-98 | | C. CAPACITOR CH 50V 0.01U | 4 | | | | | | |
| C302 | | C. CAPACITOR CH 25V 0.1U | 1 | | L1 | VLF1151A132 | COIL | 1 | |
| C304-08 | | C. CAPACITOR CH 25V 0.1U | 5 | | L3-L5 | VLF1151A132 | COIL | 3 | |
| C310, 11 | ···· | C. CAPACITOR CH 25V 0.1U | 2 | | L7 | VLF1151A132 | COIL | 1 | |
| C445 | | C. CAPACITOR CH 25V 0.1U | 1 | | L591,92 | VL00319K100 | COIL 10UH | 2 | |
| C501-11 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 11 | | L641 | VL00319K100 | COIL 10UH | 1 | |
| C512 | ECUM1H103ZFN | C. CAPACITOR CH 50V 0.01U | 1 | | | | | | |
| C531-35 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 5 | | P1,P2 | VJP3510 | CONNECTOR (MALE) | 2 | |
| C537 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | | P3 | VJP1231T | CONNECTOR (MALE) 4P | 1 | , |
| C561-64 | | C. CAPACITOR CH 25V 0.1U | 4 | | P4 | VJP3125D008 | CONNECTOR (MALE) | 1 | |
| C591-94 | | C. CAPACITOR CH 25V 0.1U | 4 | | P5,P6 | VJP3635A080 | CONNECTOR (MALE) | 2 | |
| C595 | | E. CAPACITOR CH6. 3V 33U | 1 | | P591-93 | VJP4131 | CONNECTOR (MALE) | 3 | |
| C596-99 | | C. CAPACITOR CH 25V 0.1U | 4 | | P641 | VJP4131 | CONNECTOR (MALE) | 1 | |
| C600, 01 | | E. CAPACITOR CH6. 3V 33U | 2 | | AD751 | MINOSIS | TRANSISTAD DESISTAD | ۰, | A CONTRACTOR OF THE PROPERTY O |
| C602, 03 | | C. CAPACITOR CH 50V 10P | 2 | | QR751 | MUN2212 | TRANSISTOR-RESISTOR | ⊢' | |
| C604, 05 | | C. CAPACITOR CH 25V 0.1U | 1 | | R1 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | |
| C606 | | C. CAPACITOR CH 25V 0.1U
C. CAPACITOR CH 25V 0.1U | 1 | Maria de la companione de la companione de la companione de la companione de la companione de la companione de | R7-10 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 4 | |
| C607
C608 | | C. CAPACITOR CH 25V 0.1U | 1 | | R16 | ERJ6GEYG680 | M. RESISTOR CH 1/10W 68 | 1 | |
| C609 | | C. CAPACITOR CH 25V 0.1U | 1 | | R17 | ERDS2TJ182 | C. RESISTOR 1/4W 1.8K | 1 | |
| C610-13 | | C. CAPACITOR CH 25V 0.1U | 4 | | R235 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | |
| C614, 15 | | C. CAPACITOR CH 25V 0.1U | 2 | | R294 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | |
| C616, 17 | . | C. CAPACITOR CH 25V 0.1U | 2 | | R295-02 | ERJ6GEYG560 | M.RESISTOR CH 1/10W 56 | 8 | |
| C619-21 | ECUX1C105ZFN | C. CAPACITOR CH 16V 1U | 3 | | R303-06 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 4 | |
| C623-25 | ECUX1H020CCN | C. CAPACITOR CH 50V 2P | 3 | | R309 | ERJ6GEYG101 | M.RESISTOR CH 1/10W 100 | 1 | |
| C626 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | | R317-23 | ERJ6GEYG470 | M.RESISTOR CH 1/10W 47 | 7 | |
| C641,42 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | | R325,26 | ERJ6GEYG470 | M.RESISTOR CH 1/10W 47 | 2 | |
| C644 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 1 | | R327, 28 | ERJ6GEYG220 | M. RESISTOR CH 1/10W 22 | 2 | |
| C645-47 | | C. CAPACITOR CH 25V 0.1U | 3 | | R400 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 1 | |
| C648 | | C. CAPACITOR CH 25V 0.1U | 1 | | R442 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | |
| C649 | | C. CAPACITOR CH 25V 0.1U | 1 | | R444-51 | ERJ6GEYG220 | M. RESISTOR CH 1/10W 22 | 8 | |
| C650 | • | C. CAPACITOR CH 25V 0.1U | 1 | | R456-62 | ERJ6GEYG220 | M.RESISTOR CH 1/10W 22 M.RESISTOR CH 1/10W 0 | 9 | |
| C651 | | C. CAPACITOR CH 50V 10P | _ ! | | R501-09
R510-13 | ERJ6GEY0R00
ERJ6GEYG103 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 10K | 4 | |
| C652 | | C. CAPACITOR CH 16V 1U
C. CAPACITOR CH 50V 2P | 1 | | R514-16 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | - 3 | |
| C653
C654-56 | | C. CAPACITOR CH 25V 0.1U | 3 | | | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 4 | |
| C657 | | E. CAPACITOR CH6.3V 33U | 1 | | R521-23 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 3 | |
| C664 | | E. CAPACITOR CH6. 3V 33U | 1 | | R524 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| C751 | | C. CAPACITOR CH 25V 0.1U | 1 | | R52533 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 9 | |
| C752 | ECUM1H103ZFN | C. CAPACITOR CH 50V Q. 01U | 1 | | R542, 43 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 2 | |
| C753, 54 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | | R561,62 | ERJ6GEYF472 | M.RESISTOR CH 1/10W 4.7K | 2 | |
| C755 | ECUX1E104KBN | C. CAPACITOR CH 25V 0.1U | 1 | | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | |
| C756 | | C. CAPACITOR CH 50V 0.01U | 1 | | R592 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 1 | |
| C757-61 | | C. CAPACITOR CH 25V 0.1U | 5 | | | ERJ6GEYG181 | M. RESISTOR CH 1/10W 180 | 20 | |
| C801-04 | ECUMIH103ZFN | C. CAPACITOR CH 50V 0.01U | 4 | | | ERJ6GEYG151 | M. RESISTOR CH 1/10W 150 | 2 | |
| | | | | M-1/41 (M/1-1-4-74) (M/1-14-74-74-74-74-74-74-74-74-74-74-74-74-74 | | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 2 | AND THE RESERVE OF THE PROPERTY OF THE PROPERT |
| 101 | 007411 00 : : 0 | 10 | 1 | | | ERJ6RBD102
ERJ6GEYG122 | M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 1.2K | 2 | |
| 101 | SN74ALS244C | IC | -¦ | | | | M. RESISTOR CH 1/10W 1.2K M. RESISTOR CH 1/10W 1M | 2 | |
| 1C294
1C297 | SN74AS244AN
SN74AS244AN | IC | 1 | | | , | M. RESISTOR CH 1/16W 10K | 2 | |
| 1C297
1C298 | MC10H125M | 1C | | | | | M. RESISTOR CH 1/10W 2.2K | 2 | |
| IC298
IC299-02 | 74F244SJ | 16 | 4 | | | | M. RESISTOR CH 1/10W 150 | 4 | |
| 1C293-02 | SN74ALS244C | 16 | 1 | | | | M. RESISTOR CH 1/10W 62 | 3 | The state of the s |
| IC501 | CG21503-131 | IC | 1 | | | | M.RESISTOR CH 1/16W 100 | 1 | |
| 1C502 | 74F821SC | IC | 1 | | | | · · · · · · · · · · · · · · · · · · · | 10 | |
| 1C503 | MC74HC74AF | IC | 1 | | R652 | ERJ6RBD102 | M.RESISTOR CH 1/10W 1K | 1 | |
| IC531 | M4128-6410VC | IC | 1 | BLANK ROM | R655 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | |
| ID531 | VVVS13005A | | 1 | SOFTWARE | | ERJ6GEYG222 | M.RESISTOR CH 1/10W 2.2K | _1 | |
| IC532 | UP06456T611Y | IC | 1 | | | ERJ6GEYG105 | M.RESISTOR CH 1/10W 1M | 1 | |
| IC534 | | IC | 1 | | | ERJ6GEYG122 | M.RESISTOR CH 1/10W 1.2K | 1 | |
| IC561 | GS9001-COM | IC | . 1 | | | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | and and the constitution of the formation of the state of |
| | GS9022-CPJ | IC | 2 | | | | M. RESISTOR CH 1/10W 150 | 2 | |
| 1C593-95 | 74F821SC | IC | 3 | | | | M. RESISTOR CH 1/10W 62 | -1 | |
| 10596 | AN7805F | IC | -# | and the second s | | | M. RESISTOR CH 1/10W 150 M. RESISTOR CH 1/10W 100 | 3 | The state of the s |
| 1C641 | GS9022-CPJ | IC | - | | | | M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 10K | 3 | |
| IC642 | 74F821SC | IC | - 1 | | 11/33-36 | FINDOCIOI03 | minicototon on 1/10m 10h | -1 | |
| | | | | | | | | | and the second second section and the second second section and the second section as the second section as the |
| | L | | 1 | | | | L | | |

| P () | 1 | | | | | | | | | | | |
|--------------------|-----------------------------|---|----------|--|---------------------|---|---------------------------------|--|----------------|-----|-------|--|
| Ref. No
R761-67 | Part No.
ERJ6GEYG102 | | nPc | s Remarks | Ref. | No. I | Part No. | . Part Name & De | escript | ior | Pc | s Remarks |
| R768-75 | ERJ6GEYF472 | | 1 | | C51 | | JX1E104ZF | FV C. CAPACITOR CH 2 | 5V 0. | | | Notice 1 No |
| R801,02 | ERJ6GEYG102 | | - 2 | | C51
C52 | | JX1H050C0 | | | 5P | 1 | FOR VEP88235B |
| R844 | ERJ6GEY0R00 | | 1 | The state of the s | C52 | · | JX1H020C0
JX1H1 8 0J0 | | | 2P | 1 | FOR VEP88235B |
| R873-90 | ERJ3GEY0R00 | | 18 | | C53 | | X1E104ZF | | | BP. | | - Charles - Company (March 1997) |
| R901-11 | ERJ3GEY0R00 | *************************************** | 11 | | C53 | | X1H101JC | | | | ; | FOR VEP88235B |
| R912
R914-16 | ERJ3GEYJ103
ERJ3GEYJ103 | | 1 | | C54 | | X1C105ZF | | | U | 1 | 1 011 121 002335 |
| R921-32 | ERJ3GEYJ103 | | 3 | | C54 | | X1H050CC | | | Р | 1 | FOR VEP88235B |
| R971,72 | ERJ6GEYG101 | | 12 | | C55 | | X1E104ZF | | | U | 1 | |
| R985-95 | ERJ3GEYJ103 | | 11 | | C55
C56 | | X1H020CC | |)V 2 | P | 1 | FOR VEP88235B |
| | | | 1 | | C56 | | X1H101JC | V C. CAPACITOR CH 25 | | | 1 | |
| TG1 | EYF6CU | TEST POINT | 1 | | C57 | | V1CV1000 | | | | | FOR VEP88235B
FOR VEP88235B |
| TG3, G4 | EYF6CU | TEST POINT | 2 | | C57 | *************************************** | X1E104ZF | | | | 1 | FOR VERBOZOOD |
| TP331 | EYF6CU | TEST POINT | ĺ., | | C58 | | M1H102KBI | | V 1000 | | 1 | FOR VEP88235B |
| TP371,72 | | TEST POINT | 2 | | C58-60 | | X1E104ZF\ | | | U | 3 | |
| TP411-13 | EYF6CU | TEST POINT | 3 | | C60
C61 | | X1H020CC\
K1E104ZF\ | | | | 1 | FOR VEP88235B |
| | | | | | C65 | | (1E104ZF\ | | | | 1 | FOR VERNOOSER |
| | | MISCELLANEOUS | | | C66, 67 | | /1CV4700 | E. CAPACITOR CH 16 | | | | FOR VEP88235B
FOR VEP88235B |
| | VA# 21.42 | CAPO DILLED | | | C68,69 | ECUX | (1E104ZFV | | | | | FOR VEP88235B |
| | VML2143
VML2144 | CARD PULLER CARD PULLER | 1 | | C70 | | /1CV470Q | E. CAPACITOR CH 16 | / 470 | | | FOR VEP88235B |
| | XYN26+C12 | SCREW | 8 | 7114 | C73 | | 1E104ZFV | | | , | | FOR VEP88235B |
| | XNG26EFXS | NUT | 8 | | C74
C75 | | 1CV4700 | E. CAPACITOR CH 16 | | | | FOR VEP88235B |
| | | | 1 | | C76 | | 1E104ZFV
1CV4700 | C. CAPACITOR CH 25V | | | | FOR VEP88235B |
| | | | | | C80 | | 1H680J | C. CAPACITOR CH 16V | | | | FOR VEP88235B
FOR VEP88235B |
| | | | | | C100 | | 1E104ZFV | | | | + | VII VEF002338 |
| | | | | | C100 | | 1E104ZFV | | | | 1/F | FOR VEP88235B |
| ■ E6 | VEP83453A | F5 PB P. C. BOARD | - ,] , | (RTL) | C101 | | 1CV1000 | E. CAPACITOR CH 16V | | 1 | | FOR VEP88235B |
| | VEP88234L | PB SUB P. C. BOARD | | RTL)FOR VEP83453A | C101,02 | | 1E104ZFV | | | | 2 | |
| | VEP88235B | V BLK SUB P. C. BOARD | | RTL)FOR VEP83453A | C102 | | 1H221JCV
1H102KBN | | | | | OR VEP88235B |
| | | | | 7114A | C103 | | IE104ZFV | | 1000P
0.1U | | 115 | OR VEP88235B |
| C1 | FOELIO BIOGGO | | | | C104 | | H103KBN | C. CAPACITOR CH 50V | | | 1 F | OR VEP88235B |
| CI | ECEVOJV3300
ECUX1E104ZFV | E. CAPACITOR CH6. 3V 33U
C. CAPACITOR CH 25V 0. 1U | 1 F | OR VEP88235B | C104 | ECUX1 | E104ZFV | C. CAPACITOR CH 25V | 0.10 | | 1 | |
| | ECUX1E104ZFV | | 1 6 | OR VEP88234L | C105 | | CV470Q | E. CAPACITOR CH 16V | 470 | | 1 F | OR VEP88235B |
| | ECEVOJV3300 | E. CAPACITOR CH6. 3V 33U | | OR VEP88235B | C105,06
C107 | | E104ZFV | C. CAPACITOR CH 25V | 0.10 | | 2 | |
| C2 | ECUX1E104ZFV | | 1 | | C107 | | E104ZFV
E104ZFV | C. CAPACITOR CH 25V
C. CAPACITOR CH 25V | 0. 1U
0. 1U | | 1 | NEDAGOSE |
| | ECUX1E104ZFV | 201 0170 | 1 | | C108 | | CV4700 | E. CAPACITOR CH 16V | 470 | | | OR VEP88235B
OR VEP88235B |
| | ECUXTETO4ZEV | C. CAPACITOR CH 25V 0.1U
C. CAPACITOR CH 25V 0.1U | 1 | | C109 | ECUXII | E104ZFV | C. CAPACITOR CH 25V | 0. 1U | | | OR VEP88235B |
| | ECEVICV1000 | E. CAPACITOR CH 25V 0.1U | TIFO | DR VEP88234L | C110 | | | E. CAPACITOR CH 25V | 3. 3U | | | DR VEP88235B |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | C111
C112-14 | | | C. CAPACITOR CH 50V | 1000P | | - | OR VEP88235B |
| | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | The state of the s | C130-39 | | | C. CAPACITOR CH 25V
C. CAPACITOR CH 25V | 0.10 | | | R VEP88235B |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | C150, 51 | ECUXIE | E104KBN | C. CAPACITOR CH 25V | 0. 1U
0. 1U | | 7 -0 | R VEP88235B |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | C152 | | | C. CAPACITOR CH 25V | 0.10 | H | 1 | |
| | | C. CAPACITOR CH 25V 0.1U
C. CAPACITOR CH 25V 0.1U | 1 | | C155 | ECUX1E | 104ZFV | C. CAPACITOR CH 25V | 0.10 | 1 | | THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAM |
| | | C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U | 1 | CONTRACTOR OF THE CONTRACTOR O | C156-59 | | | C. CAPACITOR CH 25V | 0. 1U | 4 | | |
| | | E. CAPACITOR CH 16V 47U | 1 | | C160-63
C164, 65 | | | C. CAPACITOR CH 25V | 0.10 | 4 | 4 | |
| | | C. CAPACITOR CH 25V 0.1U | 1 F0 | R VEP88235B | C166-70 | | | C. CAPACITOR CH 25V
C. CAPACITOR CH 25V | 0.10 | 2 | | *** · · · · · · · · · · · · · · · · · · |
| | | E. CAPACITOR CH6.3V 100U | 1 | | C250-55 | | | C. CAPACITOR CH 25V | 0.1U
0.1U | 6 | - | 1,000 |
| | | C. CAPACITOR CH 25V 0.1U | 1 F0 | R VEP88235B | C300-19 | ECUX1E | | C. CAPACITOR CH 25V | 0. TU | 20 | 1 | |
| | | E. CAPACITOR CH 16V 47U C. CAPACITOR CH 25V 0.1U | 1 | R VEP88235B | C400 | ECUXIE | | C. CAPACITOR CH 25V | 0.10 | 1 | | |
| | | E. CAPACITOR CH 16V 10U | 11 0 | 1 161002338 | C401
C402-06 | ECUX1C | | C. CAPACITOR CH 16V | 10 | 1 | _ | |
| C15 E | | A A1D.4.1. | FOF | R VEP88235B | C402-06
C413,14 | ECUX1E1 | | C. CAPACITOR CH 25V | 0.10 | 5 | | |
| | | E. CAPACITOR CH 16V 10U | 1 | | C416 | ECUX1E1 | | C. CAPACITOR CH 25V | 0. 1U
0. 1U | 2 | | |
| | | | FOF | VEP88235B | C418 | ECUX1E1 | · Pattier | C. CAPACITOR CH 25V | 0.10 | | | |
| | | E. CAPACITOR CH 16V 10U 1
C. CAPACITOR CH 25V 0.1U 1 | 4_ | | C450 | | 221JCV C | CAPACITOR CH 50V | 220P | i | | to promote the state of the sta |
| | | C. CAPACITOR CH 25V 0.1U 1 | | VEP88235B | C451 | ECUM1H1 | | CAPACITOR CH 50V | D. 01U | 1 | | |
| | | CAPACITOR CH6.3V 100U 1 | OF | | C452
C453, 54 | ECEVICV | | . CAPACITOR CH 16V | 47U | _1 | | |
| C20 E0 | | C. CAPACITOR CH 25V 0.1U 1 | † | | C455, 54 | ECEV1CV | | .CAPACITOR CH 25V
.CAPACITOR CH 16V | 0.1U | 2 | | |
| | | C. CAPACITOR CH 25V 0.1U 1 | | Miles and the second se | | ECUX1E1 | | | 47U
0.1U | 2 | | |
| | | CAPACITOR CH 25V 0.1U 1 | | VEP88235B | C458 | ECUM1H1 | | | 000P | 1 | | |
| | | | | VEP88235B | C459 | ECEV1CV | 470Q E. | .CAPACITOR CH 16V | 47U | 1 | | 0.00 |
| | | | | VEP88235B
VEP88235B | | ECUX1E10 | | | 0.1U | 22 | | |
| | | | | VEP88235B
VEP88235B | | ECUX1E10 | | | 0.1U | 5 | | |
| 44 EC | UX1E104ZFV C | . CAPACITOR CH 25V 0.1U 1 | | VEP88235B | ~ ~~ | ECUX1E10 | | | 0.10 | 3 | | |
| | | .CAPACITOR CH 50V 0.01U 1 | | | | ECUX1E10 | | | | 16 | | |
| 50 Ec | UX1H101JCV C. | CAPACITOR CH 50V 100P 1 | FOR | VEP88235B | | ECUX1E10 | | | 0.10 | 5 | ***** | The second secon |
| | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | |

| C900 EC C901 EC C902 EC C903 EC C903 EC C905 EC C906 EC C907 EC C908 EC C909 EC C909 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL2 VL | CUX1C224KBN CEVOJV3300 CUX1H103KBV CUX1E104ZFV CUX1E104ZFV CUX1C105ZFN CUX1E104ZFV CUX1E104ZFV CUX1E104ZFV CUX1E104ZFV LA152WK LA152WK LA152WK LA152WK LA152K LA15Z LA | Part Name & Description C. CAPACITOR CH 16V 0. 22U E. CAPACITOR CH6.3V 33U C. CAPACITOR CH 50V 0. 0.01U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U C. CAPACITOR CH 25V 0. 1U DIODE DIODE DIODE DIODE DIODE | 1
1
1
1
1
1
1
1
6 | Remarks FOR VEP88235B | Ref. No. 1D458 1C460 1C461 1C462 1C463 1C466 1C467 1C474 1C477 1C488 1C551 | Part No.
VVVS13032
TVHT244F
NVHC244F
T74LCX244F
MC10H124M
NVHC244F
74F244SJ
NVHC244F
MC10H124M | Part Name & Description IC IC IC IC IC | | 1 SOFTWARE
1 |
|---|--|---|--|--|--|---|--|--|--|
| C901 EC C902 EC C903 EC C905 EC C906 EC C907 EC C908 EC C908 EC C908 EC C908 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL2 VL FL3-L6 VL | CEVOJV3300 CUX1H103KBV CUX1E104ZFV CUX1H103KBV CUX1E104ZFV CUX1E104ZFV CUX1E104ZFV CUX1E104ZFV CUX1E104ZFV LUX1E104ZFV LUX1E104ZFV LIX152WK LX152WK CAPACITOR CH 50V 0.01U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.01U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.0U C. CAPACITOR CH 25V 0.0U C. CAPACITOR CH 25V 0.0U DIODE DIODE DIODE | 2 | | IC461
IC462
IC463
IC466
IC467
IC474
IC477
IC488 | NVHC244F
T74LCX244F
MC10H124M
NVHC244F
74F244SJ
NVHC244F | IC IC IC | | 1 |
| C903 EC C905 EC C906 EC C907 EC C908 EC C909 EC C980-85 EC D1, D2 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1H103KBV CUX1E104ZFV CUX1H103KBV CUX1E104ZFV CUX1H103KBV CUX1E104ZFV CUX1H103KBV CUX1E104ZFV LIX1H103KBV CUX1E104ZFV LIX1S2WK LIX1S2WK LIX1S2WK LIX1S2WK LIX1S2WK LIX1S2K LIX1S2K LIX1S2K LIX1S2K LIX1S2K LIX1S2K LIX1S2K | C. CAPACITOR CH 50V 0.01U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.01U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.0U C. CAPACITOR CH 25V 0.0U C. CAPACITOR CH 25V 0.0U DIODE DIODE DIODE | 2 | | IC462
IC463
IC466
IC467
IC474
IC477
IC488 | T74LCX244F
MC10H124M
NVHC244F
74F244SJ
NVHC244F | IC IC IC | | 1 |
| C905 EC C906 EC C907 EC C908 EC C909 EC C909 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1H103KBV
CUX1E104ZFV
CUX1C105ZFN
CUX1E104ZFV
CUX1H103KBV
CUX1E104ZFV
IA152WK
IA152WK
IMA152K
N1251CAL
N1251CAL | C. CAPACITOR CH 50V 0.01U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 16V 1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.01U C. CAPACITOR CH 25V 0.1U DIODE DIODE DIODE DIODE | 2 | | 1C463
1C466
1C467
1C474
1C477 | MC10H124M
NVHC244F
74F244SJ
NVHC244F | IC
IC | ļ | |
| C906 EC C907 EC C908 EC C909 EC C980-85 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1E104ZFV CUX1C105ZFN CUX1E104ZFV CUX1H103KBV CUX1E104ZFV LA152WK LA152WK LA152WK LA152WK LA152CK LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL LA152CL | C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 16V 1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.1U DIODE DIODE DIODE DIODE | 2 | | 1C466
1C467
1C474
1C477
1C488 | NVHC244F
74F244SJ
NVHC244F | IC | 1 | 1 |
| C907 EC C908 EC C909 EC C980-85 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1C105ZFN
CUX1E104ZFV
CUX1H103KBV
CUX1E104ZFV
LA152WK
LA152WK
LA152WK
LA152WK
LA152K
LA152K
LA152K
LA152K
LA152K
LA152K
LA152K
LA1251CAL | C. CAPACITOR CH 16V 1U C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 25V 0.01U C. CAPACITOR CH 25V 0.1U DIODE DIODE DIODE DIODE | 2 | | 1C467
1C474
1C477
1C488 | 74F244SJ
NVHC244F | | 1 | 1 |
| C908 EC C909 EC C980-85 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN FL1 VL FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1E104ZFV CUX1H103KBV CUX1E104ZFV IA152WK IA152WK IINA152K N1251CAL N1251CAL | C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 50V 0.01U C. CAPACITOR CH 25V 0.1U DIODE DIODE DIODE DIODE | 2 | | 1C474
1C477
1C488 | NVHC244F | IC | I 1 | L |
| C909 EC C980-85 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1H103KBV
CUX1E104ZFV
IA152WK
IA152WK
IMA152K
N1251CAL
N1251CAL | C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U DIODE DIODE DIODE DIODE DIODE | 2 | | IC477
IC488 | | | | I |
| C980-85 EC D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | CUX1E104ZFV IA152WK IA152WK I1MA152K N1251CAL N1251CAL | C. CAPACITOR CH 25V 0.1U DIODE DIODE DIODE DIODE DIODE | 2 | | IC488 | MC10H104H | IC | 1 | 1 |
| D1, D2 MA D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | IA152WK
IA152WK
I1MA152K
I1M251CAL
IN1251CAL | D I ODE
D I ODE
D I ODE
D I ODE | 2 | | | MCTOH124M | IC | 1 | 1 |
| D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | IA152WK
I1MA152K
N1251CAL
N1251CAL | DIODE
DIODE
DIODE | | | 10551 | SN74LS123NS | 1C | 1 | |
| D5, D6 MA D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | IA152WK
I1MA152K
N1251CAL
N1251CAL | DIODE
DIODE
DIODE | | | | TLCX04F | IC | 1 | |
| D450, 51 M1 D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | 11MA152K
N1251CAL
N1251CAL
(LF0931 | D100E
D100E | 2 | COD 1/CD000055 | 1C600,01 | TVHT244F | IC | 2 | 2 |
| D550 LN D750, 51 LN FL1 VL FL1 VL FL2 VL FL3-L6 VL | N1251CAL
N1251CAL
(LF0931 | DIODE | 2 | FOR VEP88235B | 1C602 | NVHC244F | ic | 1 | |
| D750,51 LN FL1 VL FL2 VL FL3-L6 VL | N1251CAL
LF0931 | | | | 1C651 | SN74S1053NS | IC | 1 | |
| FL1 VL
FL1 VL
FL2 VL
FL3-L6 VL | LF0931 | DIODE | 1 | | 1C652 | SN74S1051NS | IC | 1 | 1 |
| FL1 VL
FL2 VL
FL3-L6 VL | | | 2 | | 10656,57 | 74F244SJ | IC | 2 | |
| FL1 VL
FL2 VL
FL3-L6 VL | | | ļ | | IC658 | SN74ALS245A | IC | Ľ | |
| FL2 VL
FL3-L6 VL | LF1462 | FILTER | 1 | | 1C660 | NVHC32F | IC | 1 | |
| FL3-L6 VL | | FILTER | 1 | FOR VEP88235B | 10662 | NVHC08F | IC | 1 | |
| | | FILTER | 1 | | 10666,67 | IDT71321L55F | | 2 | ************************************** |
| FL7 VL | | FILTER | 4 | | 10672 | NVHC00F | 10 | 1 | |
| | 'LF0931 | FILTER | 1 | | 10673 | NVHC138F | IC | 1 | · |
| | | | <u> </u> | | 10674 | NVHC244F | IC | ļ | |
| | | IC | | FOD VEDGGGGA | 10676,77 | TVHT573F | IC | 2 | |
| | | IC | | FOR VEP88234L | 1C678 | T74LCX245F | lic | : | |
| | LCX574F | IC | | FOR VEP88235B | 10679 | NVHC08F | lic | | |
| | JM78L09UA | IC . | - | EOD VEDROOSED | IC750 | SN74S1051NS | 10 | ⊢¦ | |
| | | IC | ├ . | FOR VEP88235B | IC751 | SN74S1053NS | IIC | | |
| | | IC IC | | FOR VEP88235B | 1C752
1C753.54 | SN74ALS245A
74F244SJ | IC | - | |
| | | | - ; | FOR VEP88233B | 10755 | UPD71055GB | IIC IIC | 1 | · |
| | | IC | 1 | FOR VEP88235B | 1C756 | ISP2032-80LT | | | BLANK ROM |
| | | IC IC | + | run VEF88233B | ID756 | VVVS13032 | | <u>'</u> | SOFTWARE |
| | | IC | | FOR VEP88235B | 1C758 | NVHC244F | lic | - '1 | 1001 PRINCE |
| | | IC | - | FOR VEP88235B | 1C800 | UPD65868D022 | ic ic | 1 | |
| | | IC | | FOR VEP88235B | 1C900 | MC10H125M | lic . | 1 | |
| | | IC | | FOR VEP88235B | 10901 | NVHC04FT | lic | 1 | |
| | M74HC221AM | IC | | FOR VEP88235B | 10902 | BH7086KV | lic | 1 | |
| | IC74HC125AF | IC | | FOR VEP88235B | 10903 | TCVHC257F | lic | 1 | |
| | JM082BM | IC | | FOR VEP88235B | 10980,81 | D485505G25 | ic | 2 | , |
| | | IC | | FOR VEP88235B | 1C982 | 11032E-70LT | IC | 1 | BLANK ROM |
| | PF10K20TC-4 | IC | | FOR VEP88235B | ID982 | VVVS13032 | | | SOFTWARE |
| | | IC | | FOR VEP88235B | IC983, 84 | T74LCX244F | lic | 2 | |
| | | 1C | | FOR VEP88235B | | | | | |
| | | IC | | FOR VEP88235B | 1\$10 | VJS3109 | IC SOCKET | 1 | FOR VEP88235B |
| | | IC | 1. | FOR VEP88235B | | | | | |
| | | IC | 2 | | L1,L2 | VL00319K220 | COIL 22UH | 2 | FOR VEP88235B |
| IC52 TL | LCX574F | IC | 1 | | L5 | VLQ0163J390 | COIL 39UH | 1 | FOR VEP88235B |
| IC54 TL | LCX574F | IC | 1 | | L6 | VLQ0163J150 | COIL 15UH | 1 | FOR VEP88235B |
| 1C55 L7 | 7A1644 | IC | 1 | | L7 | VLQ0163J390 | COIL 39UH | 1 | FOR VEP88235B |
| | JM78LO5UA | IC | 1 | FOR VEP88235B | L8 | VLQ0163J150 | COIL 15UH | 1 | FOR VEP88235B |
| IC57 NJ | | IC | 1 | FOR VEP88235B | L9 | VLQ0319K220 | COIL 22UH | | FOR VEP882358 |
| 1C100,01 MN | N4707F | IC | 2 | | L11 | VL00319K220 | COIL 22UH | 1 | FOR VEP88235B |
| | | IC | 1 | | | VLQ0319K470 | COIL 47UH | 3 | |
| | | IC | 1 | | L900 | VLQ0319K100 | COIL 10UH | 1 | |
| | | IC | 1 | | | | | | |
| | | IC | 2 | | P1 | VJP3510 | CONNECTOR (MALE) | 1 | |
| | | 1 C | 1 | and the same of th | P1 | VJP4106A120L | CONNECTOR | 1 | FOR VEP88234L |
| | | IC | 1 | | P2 | VJP3510 | CONNECTOR (MALE) | 1 | |
| | | IC | . 1 | | | VJP1248T | CONNECTOR (MALE) 8P | 1 | FOR VERNACES |
| | | IC | 1 | | b.ta | VJS4064N160 | CONNECTOR | 1 | FOR VEP88235B |
| | | IC | | | P550 | VJS4106A120L | CONNECTOR (MALE) | 1 | |
| | | IC | 1 | | P850 | VJP4064N160C | CONNECTOR (MALE) | 1 | |
| | | 16 | -1 | | L | 0007001.0 | TDANGUCTOD | _ | FOR VERGOOSER |
| | | 16 | ! | | 01,02 | 2SB709A-R | TRANSISTOR | | FOR VEP88235B |
| | | IC | - ! | DI ANY DOM | 03 | 2SA1532-C | TRANSISTOR | | FOR VEP88235B |
| | | IC | | BLANK ROM
SOFTWARE | 0R750,51 | MUN2213 | TRANSISTOR DESISTOR | | |
| | VV\$13032 | ır | -; | OUT I TANK | un/30,31 | mUNIZZ I J | TRANSISTOR-RESISTOR | | VINTERIOR DE LA CONTRACTOR DE LA CONTRAC |
| | | IC I | | | R1 | ERJ3GEYJ101 | M DECISTOR ON 1/16W 100 | -, | FOR VEP88235B |
| | | IC | - ; | | | | M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/10W 1K | -¦ | I VIL TEFOREJUD |
| | | IC | - }} | | | | M. RESISTOR CH 1/16W 100 | - ; | FOR VEP88235B |
| | | IC | | | | | M. RESISTOR CH 1/10W 100 | | I UN VEFOOZJOD |
| | | IC . | ; | | | | M. RESISTOR CH 1/10W 82 | -; | Name of the second seco |
| | | IC IC | ; | BLANK ROM | | | M. RESISTOR CH 1/16W 0 | -; | |
| ,0430 | I UJZL-/ULI | | ' | | | _, N.J. I VAUU | | | 4 C C C C C C C C C C C C C C C C C C C |

| Γ | | | | | | | | | | | | |
|------------|----------------------------|--|-----------|--|-------------------|---|---|----------------------------------|---|------------|---------------|--|
| Ref.N | | Part Name & Description | | Remarks | Ref. | No. Part | No. P | art Name & | Descri | ot io | n Pc | s Remarks |
| R5 | ERJ3GEYJ101
ERJ3GEYJ220 | | **** | FOR VEP88235B | R181 | ERJ3GEYJ | J220 M | RESISTOR CH | 1/16W | 22 | | 1 Remarks |
| R6-R9 | ERJ36EYG102 | | | FOR VEP88235B | R182 | ERJ3GEY0 | | .RESISTOR CH | | 0 | | 1 |
| R10 | ERJ3GEYG102 | | 1 | | R184-8 | | | .RESISTOR CH | | 100 | | 3 |
| R11 | ERJ3GEYG102 | | 1 | FOR VEP88235B | R187-9 | | | RESISTOR CH | | . 7K | 1 | <u> </u> |
| R11 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | 1816-14 | R211, 1 | | | RESISTOR CHI
RESISTOR CHI | | 22 | 1: | |
| R12 | ERJ3GEYG102 | | 1 | FOR VEP88235B | R213, 1 | *************************************** | | RESISTOR CH 1 | | 270
22 | 3 | 2 |
| R13 | ERJ3GEYJ101 | | | FOR VEP88235B | R250 | ERJ3GEYJ | | RESISTOR CH 1 | | 100 | 1: | 1 |
| R20
R23 | ERJ3GEYJ101
ERJ3GEYJ101 | | | FOR VEP88235B | R251-6 | 1 ERJ3GEY0F | | RESISTOR CH 1 | | 0 | 11 | 1 |
| R30 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 100 M. RESISTOR CH 1/16W 10K | | FOR VEP88235B | R262 | ERJ3GEYJ1 | | RESISTOR CH 1 | | 10K | 1 | 1 |
| R31-37 | ERJ3GEYG102 | | | FOR VEP88235B
FOR VEP88235B | R263-6 | | | RESISTOR CH 1 | | 1K | 4 | |
| R40 | ERJ3GEYJ224 | M. RESISTOR CH 1/16W 220K | | FOR VEP88235B | R267-7
R278, 7 | | | RESISTOR CH 1 | | 0 | 11 | |
| R41 | ERJ3GEYJ273 | M. RESISTOR CH 1/16W 27K | · | OR VEP88235B | R300-0 | | | RESISTOR CH 1 | | IOK | 2 | |
| R42 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1/1 | OR VEP88235B | R305, 0 | | | RESISTOR CH 1 | | 0
1K | 5 | , |
| R43 | ERJ3GEYG471 | M. RESISTOR CH 1/16W 470 | | OR VEP88235B | R307 | ERJ3GEY0R | | RESISTOR CH 1 | | 0 | 1 | |
| R45, 46 | ERJ3GEYJ153
ERJ3GEYJ103 | M. RESISTOR CH 1/16W 15K M. RESISTOR CH 1/16W 10K | - | OR VEP88235B | R308 | ERJ3GEYJ4 | 470 M . | RESISTOR CH 1, | /16W | 47 | 1 | |
| R47 | ERJ3GEYJ223 | M. RESISTOR CH 1/16W 10K | | OR VEP88235B | R309-14 | | | RESISTOR CH 1, | | 1K | 6 | |
| R48 | ERJ3GEYJ105 | M. RESISTOR CH 1/16W 1M | | OR VEP88235B
OR VEP88235B | R315, 16 | | | RESISTOR CH 1, | | 22 | 2 | |
| R49 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | | OR VEP88235B | R317
R318-25 | ERJ3GEYJ1
ERJ3GEYG1 | | RESISTOR CH 1, | | 0 K | 1 | |
| R50-59 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 10 | | R326-31 | | | RESISTOR CH 1/
RESISTOR CH 1/ | | 1K
0 | 8 | |
| R60 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 F | OR VEP88235B | R332, 33 | | | RESISTOR CH 1/ | | 1K | 2 | |
| R60
R61 | ERJ3GEYJ220
ERJ3GEYJ101 | M. RESISTOR CH 1/16W 22 | 1 | | R334 | ERJ3GEY0R | 100 M. F | RESISTOR CH 1/ | | 0 | 1 | |
| R61-64 | ERJ3GEYJ101
ERJ3GEYJ220 | M. RESISTOR CH 1/16W 100 M. RESISTOR CH 1/16W 22 | 1 F | OR VEP88235B | R335 | ERJ3GEYJ4 | 70 M. F | RESISTOR CH 1/ | 16W 4 | 47 | | |
| R65 | ERJ36EYJ103 | M. RESISTOR CH 1/16W 22
M. RESISTOR CH 1/16W 10K | 4
1 = | OR VEP88235B | R336-41 | ERJ3GEYG10 | | RESISTOR CH 1/ | | İΚ | 6 | |
| R65 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | -: [| UN VEF002338 | R342, 43 | | | RESISTOR CH 1/ | | 22 | 2 | |
| R67 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 F | OR VEP88235B | R344-52
R353 | ERJ3GEYG10
ERJ3GEY0R0 | | RESISTOR CH 1/
RESISTOR CH 1/ | | IK | 9 | |
| R70 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | | OR VEP88235B | R390 | ERJ3GEYJ10 | | RESISTOR CH 1/ | | 0 | - 1 | |
| R72 | ERJ6RBD681 | M. RESISTOR CH 1/10W 680 | | OR VEP88235B | R392 | ERJ3GEYJ10 | | ESISTOR CH 1/ | | | - | |
| R73
R74 | ERJ6RBD361
ERJ3GEYJ221 | M. RESISTOR CH 1/10W 360 | 1 F | OR VEP88235B | R395-98 | ERJ3GEYJ22 | | ESISTOR CH 1/ | | | 4 | |
| R74 | ERJ6RBD102 | M. RESISTOR CH 1/16W 220 M. RESISTOR CH 1/10W 1K | 1 5 | DR VEP88235B | R399, 00 | ERJ3GEYJ10 | | ESISTOR CH 1/ | | 0 | 2 | |
| R75, 76 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 2 | M VEP882338 | R402 | ERJ3GEYJ10 | | ESISTOR CH 1/ | | K | 1 | |
| R76 | ERJ6RBD681 | M. RESISTOR CH 1/10W 680 | 1 FC | R VEP88235B | R403
R404 | ERJ3GEYJ10
ERJ3GEYJ10 | | ESISTOR CH 1/ | | | -1 | |
| R77 | ERJ3GEYJ220 | M.RESISTOR CH 1/16W 22 | 1 | | R405 | ERJ3GEYJ10 | | ESISTOR CH 1/1
ESISTOR CH 1/1 | | | - - | months and the second s |
| R77
R78 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 | | R VEP88235B | R406, 07 | ERJ3GEY0R0 | | ESISTOR CH 1/1 | | 0 | 2 | |
| R78, 79 | ERJ3GEYJ101
ERJ3GEYJ103 | M. RESISTOR CH 1/16W 100
M. RESISTOR CH 1/16W 10K | 1 F0 | R VEP88235B | R408 | ERJ3GEYJ10: | *************************************** | ESISTOR CH 1/1 | | | 1 | |
| R79 | | M. RESISTOR CH 1/16W 10K M. RESISTOR CH 1/16W 2.2K | 2
1 F0 | R VEP88235B | R409-13 | ERJ3GEYJ10 | | ESISTOR CH 1/1 | |) | 5 | |
| R80 | | M. RESISTOR CH 1/16W 0 | 11 | N 10 00233B | R419
R421 | ERJ3GEY0R00
ERJ3GEYJ101 | | SISTOR CH 1/1 | *************************************** | | 1 | |
| R80 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | 1 F0 | R VEP88235B | R428, 29 | ERJ3GEYJ220 | | SISTOR CH 1/1 | | ~~~ | 2 | |
| R81 | | M. RESISTOR CH 1/16W 0 | 1 | | R433 | ERJ3GEYJ220 | | SISTOR CH 1/1 | | | 1 | , |
| R81
R82 | | M. RESISTOR CH 1/16W 100 | 1 F0 | R VEP88235B | R435 | ERJ3GEYJ220 | | SISTOR CH 1/1 | | | 1 | |
| R82 | | M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/10W 1K | 1 | VEDAGOER . | R437 | ERJ3GEYJ220 | | SISTOR CH 1/1 | | : | 1 | E |
| R83 | | | | R VEP88235B
R VEP88235B | R439 | ERJ3GEYJ220 | | SISTOR CH 1/1 | | | 1 | |
| R83 | | M. RESISTOR CH 1/16W 10K | 1 | | R441
R442 | ERJ3GEY0R00
ERJ3GEYJ220 | | SISTOR CH 1/10 | | | 1 | |
| R84 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | 1 | | R450, 51 | ERJ3GEYJ220 | | SISTOR CH 1/16
SISTOR CH 1/16 | | | 1 | |
| R84 | | | | VEP88235B | R452 | ERJ3GEYG102 | | SISTOR CH 1/16 | | | 1 | And the state of t |
| R85 | | | 1 FOF | VEP88235B | R453 | ERJ3GEYJ101 | | SISTOR CH 1/16 | | | 1 | |
| R86 | t | M.RESISTOR CH 1/16W 22 M.RESISTOR CH 1/16W 3,3K | 1 500 | VEP88235B | R454 | ERJ3GEYJ220 | M. RES | SISTOR CH 1/16 | ₩ 22 | | 1 | |
| R86 | | M. RESISTOR CH 1/16W 22 | 1 | 15 00533D | R459
R464 | ERJ3GEYJ220 | | SISTOR CH 1/16 | | \perp | 1 | |
| R87 | | | 1 FOR | VEP88235B | R466 | ERJ6GEYG394
ERJ3GEY0R00 | | SISTOR CH 1/10
SISTOR CH 1/16 | | | 1 | |
| | | M.RESISTOR CH 1/16W 22 | 3 | | R467 | ERJ3GEYG471 | | SISTOR CH 1/16
SISTOR CH 1/16 | | | ! | |
| | | | FOR | VEP88235B | R470 | ERJ3GEYJ220 | | SISTOR CH 1/16 | | + | 1 | |
| | | M.RESISTOR CH 1/16W 22 M.RESISTOR CH 1/16W 1K | | VEDODOSES | R472 | ERJ3GEYJ103 | M. RES | SISTOR CH 1/16 | ₩ 10K | 1 | 1 | |
| | | | *** | VEP88235B
VEP88235B | R473 | ERJ3GEY0R00 | | ISTOR CH 1/16 | | | 1 | |
| | | | | VEP88235B | R474
R475, 76 | ERJ3GEYJ223 | | ISTOR CH 1/16 | | | 1 | |
| | ERJ3GEYJ101 | A DECLOSED AND A CONTRACTOR | + | VEP88235B | R477 | ERJ3GEYJ103
ERJ3GEYJ105 | | ISTOR CH 1/16 | | +3 | 2]
- | |
| | | LRESISTOR CH 1/10W 3.9K 1 | | VEP88235B | R478 | ERJ3GEYG102 | | ISTOR CH 1/161 | | + ; | :- | |
| | | | FOR | VEP88235B | R479 | ERJ3GEYJ101 | ~~~ | ISTOR CH 1/16 | | 1 | | |
| | | LRESISTOR CH 1/16W 1K 2 | | MEDAAAAA | | ERJ3GEYJ220 | M. RES | ISTOR CH 1/16V | ¥ 22 | 1 | 1 | E. D. Common of the Common of |
| | | | | VEP88235B
VEP88235B | | ERJ3GEYG102 | | ISTOR CH 1/16W | | 1 | L | |
| | | RESISTOR CH 1/16W 1K 2 | | 1L 0023JB | | ERJ3GEYJ101 | | ISTOR CH 1/16W | | 1 | ļ | |
| R152-59 E | | . RESISTOR CH 1/16W 0 8 | | | | ERJ3GEYJ220
ERJ3GEY0R00 | | ISTOR CH 1/16W
ISTOR CH 1/16W | | 1 ! | <u> </u> | |
| | | .RESISTOR CH 1/16W 1K 5 | | | | ERJ3GEYG472 | | ISTOR CH 1/16W
ISTOR CH 1/16W | | + ; | | *************************************** |
| | | RESISTOR CH 1/16W 22 1 | | | | ERJ3GEYJ220 | | STOR CH 1/16W | | † ; | | |
| | | RESISTOR CH 1/16W 1K 2 | | | | ERJ3GEYJ101 | | STOR CH 1/16W | | 1 | t | |
| | | RESISTOR CH 1/16W 0 8 RESISTOR CH 1/16W 1K 5 | | | | ERJ3GEYJ220 | M. RESI | STOR CH 1/16W | 22 | 2 | | PROJECT SALES |
| | | 3 The state of the | | | R491 | ERJ3GEY0R00 | M. RESI | STOR CH 1/16W | 0 | | [| |
| | | | | the theorem and a control of the theorem and the control of the co | | | | | | | | · |
| · | | | | | | | | _ | | , [| | |

| | | | | | | | | | <u></u> |
|------------------|----------------------------|---|--------|--|-------------|--------------|---------------------------|--------------|--|
| Ref.No. | Part No. | Part Name & Description | Pcs | Remarks | Ref.No. | Part No. | Part Name & Description | nPc | s Remarks |
| R493-97 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 270 | 5 | | R826, 27 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | 2 |
| R498 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | | R828 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | 1 |
| R499 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 270 | 1 | | R829 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | 1 |
| R500-05 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 6 | | R830, 31 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | | 2 |
| R508 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 1 | | R832 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | - | 1 |
| R510-15 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 6 | | R833,34 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | | 2 |
| R516 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | | R850-76 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 2 | 7 |
| R517-19 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 3 | | R877 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | | 1 |
| R521 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | | R879 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | T | 1 |
| R522-25 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 4 | | R881 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | T | 1 |
| R526-28 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 270 | 3 | | R883-93 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | 1 |
| R529-33 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 5 | | R894, 95 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | | 2 |
| R534 | ERJ6GEYG271 | M. RESISTOR CH 1/10W 270 | 1 | | R900,01 | ERJ3GEYJ220 | M.RESISTOR CH 1/16W 22 | | 2 |
| R535-38 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 4 | | R902 | ERJ3GEYJ104 | M.RESISTOR CH 1/16W 100K | 1 | 1 |
| R550-52 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 3 | | R903 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | 1 |
| R553 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | | R904 | ERJ3GEYJ223 | M.RESISTOR CH 1/16W 22K | 1 | |
| R555 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | | R905 | ERJ3GEYJ183 | M.RESISTOR CH 1/16W 18K | 1 | |
| R557 | ERJ3GEYJ122 | M. RESISTOR CH 1/16W 1.2K | 1 | | R907 | ERJ3GEYJ105 | M. RESISTOR CH 1/16W 1M | 1 | |
| R558 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | | R910 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | |
| R559 | ERJ3GEYJ122 | M. RESISTOR CH 1/16W 1.2K | 1 | | R912 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | |
| R560 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | | R913-15 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 |] ; | 3 |
| R561-63 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 3 | | R981 | ERJ3GEYJ101 | M.RESISTOR CH 1/16W 100 | | |
| R564 | ERJ3GEYJ821 | M. RESISTOR CH 1/16W 820 | 1 | | R982-88 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 7 | 7 |
| R565 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | | | | | L | |
| R567-70 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 4 | | TG50 | EYF6CU | TEST POINT | 1 | |
| R571,72 | ERJ3GEYJ122 | M.RESISTOR CH 1/16W 1.2K | 2 | | TG250 | EYF6CU | TEST POINT |] | |
| R573 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | | TG401 | EYF6CU | TEST POINT | 1 | |
| R574 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | | | | | | |
| R575 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 | | TP20-23 | EYF6CU | TEST POINT | 4 | FOR VEP88235B |
| R576 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | | TP30 | EYF6CU | TEST POINT | 1 | FOR VEP88235B |
| R577,78 | ERJ3GEYJ122 | M.RESISTOR CH 1/16W 1.2K | 2 | | TP154 | EYF6CU | TEST POINT | 1 | |
| R579 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | | TP305 | EYF6CU | TEST POINT | 1 | |
| R580 | ERJ3GEYJ122 | M. RESISTOR CH 1/16W 1.2K | 1 | | TP400 | EYF6CU | TEST POINT | ! | |
| R581,82 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 | | TP450-54 | EYF6CU | TEST POINT | 5 | |
| R590-96 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 7 | | TP750,51 | EYF6CU | TEST POINT | 2 | |
| R597-02 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 6 | | TP900 | EYF6CU | TEST POINT | | |
| R603,04 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 2 | | VR1 | VRV0113B501 | V. RESISTOR 500 | ١, | FOR VEP88235B |
| R605 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100
M. RESISTOR CH 1/16W 1K | !
1 | | VR2 | VRV0113B301 | V.RESISTOR 1K | | FOR VEP88235B |
| R606
R607, 08 | ERJ3GEYG102
ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 2 | | *112 | 11101130102 | V. ALSTSTON | | 1011 12 002302 |
| R609,10 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 2 | | XI | VSX0975 | CRYSTAL OSCILLATOR | 1 | FOR VEP88235B |
| R611 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 1 | | X2 | VSX0973 | CRYSTAL OSCILLATOR | | FOR VEP88235B |
| R612-25 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 14 | | X450 | VSX0906 | CRYSTAL OSCILLATOR | 1 | |
| R626-41 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 16 | | | | | | |
| R650 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 1 | | | | MISCELLANEOUS | | |
| R651-53 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | 3 | | | | | | |
| R654,55 | ERJ3GEYJ473 | M.RESISTOR CH 1/16W 47K | 2 | | | VML2143 | CARD PULLER | _1 | |
| R656 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | 1 | | | VML2144 | CARD PULLER | 1 | 4-5 |
| R657,58 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 2 | | | XYN26+C12 | SCREW | 8 | |
| R659 | ERJ3GEYJ103 | MLRESISTOR CH 1/16W 10K | 1 | | | XNG26EFXS | NUT | 8 | |
| R660-73 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 14 | | | VMS6278 | POST | | FOR VEP88234L |
| R674 | ERJ3GEYJ473 | M.RESISTOR CH 1/16W 47K | 1 | | | XYN3+K5 | SCREW | | FOR VEP88234L |
| R67580 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 6 | | | XWA3B | WASHER | | FOR VEP88234L |
| R681 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 1 | | | XNG3BS | NUT | | FOR VEP88234L |
| R682-93 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 12 | | | VMX2020 | P. C. BOARD POST | | FOR VEP88235B |
| R694,95 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 2 | | | XYN3+K6 | SCREW | 6 | FOR VEP88235B |
| R696-10 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K | 15 | | | | | | |
| R711,12 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 2 | | | | | ļ | |
| R713,14 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 2 | | | | | | |
| R715 | ERJ3GEYOROO | M. RESISTOR CH 1/16W 0 | _] | and an analysis of the state of | | | | | |
| R750, 51 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 2 | | - 67 | VCD024E40 | EC VIDEO OUT D C DOADO | 1 | (RTL) |
| R752-55 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K M. RESISTOR CH 1/10W 100 | 2 | | ■ E7 | VEP83454B | F6 VIDEO OUT P.C.BOARD | | (111 L / |
| R756,57 | ERJ6GEYG101
ERJ3GEYJ103 | M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/16W 10K | - 1 | | | | | | |
| R758
R760 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | -; | | C3001-13 | ECUX1F1047FV | C. CAPACITOR CH 25V 0.1U | 13 | |
| R762 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | -; | Later Company of the | | | C. CAPACITOR CH 50V 0.01U | 2 | |
| R763,64 | | M. RESISTOR CH 1/16W 0 | 2 | | | | C. CAPACITOR CH 25V 0.1U | 1 | *************************************** |
| R765 | | M. RESISTOR CH 1/16W 100 | 1 | | | | C. CAPACITOR CH 50V 0.01U | 1 | |
| R766-71 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 6 | | | | C. CAPACITOR CH 25V 0.1U | 2 | NEW TOTAL STATE CO. Law STATE CO. ST |
| R772,73 | ERJ6GEYG821 | M. RESISTOR CH 1/10W 820 | 2 | | | | C. CAPACITOR CH 50V 0.01U | 2 | |
| R774 | ER0S2TJ473 | C.RESISTOR 1/4W 47K | 1 | | C3022 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| R800-11 | | M.RESISTOR CH 1/16W 1K | 12 | | C3023 | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 1 | |
| R812,13 | | M.RESISTOR CH 1/16W 10K | 2 | | C3024 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| R814-16 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | 3 | | | | C.CAPACITOR CH 50V 0.01U | 1 | |
| R817-25 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 9 | | C3026,27 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | and the state of t |
| | | | | | | | | | |
| | L | | | L | | | | | |
| | | | | | | | | | |

| | | | | | | | | | | | |
|-------------------|------------------------------|------------------------------|----------|--|----------------|---|--|---|------------|----------------|--|
| Ref.N | | | Pes | Remarks | Ref.N | lo. Part No | o. Part Name & De | .carint | : | Б | D 1 |
| C3028 | ECUX1H103K | BV C. CAPACITOR CH 50V 0.01U | 1 | | C3243 | | ICV C. CAPACITOR CH 5 | 0V 100 | | ares | Remarks |
| C3029 | ECUX1E104Z | FV C. CAPACITOR CH 25V 0.1U | 1 | to the second se | C3244 | ECUX1H102 | | | | 1-4 | |
| C3030 | ECUX1H103K | BV C. CAPACITOR CH 50V 0.01U | 1 | | C3245 | ECUX1E1042 | | | | +-;1 | |
| C3031 | ECUX1E104Z | FV C. CAPACITOR CH 25V 0.1U | 1 | | C3246 | ECUX1E104k | | | ********** | +-! | |
| C3032 | ECUX1H390J | CV C. CAPACITOR CH 50V 39P | 1 | N. M | C3247- | | | | | [| |
| C3033 | ECUX1H070D | CV C. CAPACITOR CH 50V 7P | 1 | | C3252 | ECEV1HN010 | | | | | |
| C3034 | ECUX1E104Z | FV C. CAPACITOR CH 25V 0.1U | 1 | | C3253 | ECUX1E104Z | | | | ! | |
| C3035 | ECEV1CV100 | Q E. CAPACITOR CH 16V 10U | 1 | | C3255, 5 | | | | | | |
| C3038-4 | 44 ECUX1E104ZI | FV C. CAPACITOR CH 25V 0.1U | 7 | | C3257-6 | | | | | 2 | |
| C3045 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | C3263 | ECUX1H103K | | | | 6 | |
| C3046-5 | 51 ECUX1E104Z | FV C. CAPACITOR CH 25V 0.1U | 6 | | C3264 | ECUX1E104Z | | | | 1-4 | |
| C3052 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | 4 th | C3265 | ECUX1H103K | | | | : | |
| C3053 | ECUX1E104ZF | | 1 | | C3266 | ECUX1E104Z | | | | | |
| C3054 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | C3267 | ECUX1H102J | | *************************************** | | - | var |
| C3055 | ECUX1E104ZF | C. CAPACITOR CH 25V 0.1U | 1 | | C3268 | ECUX1E104ZI | | | | -4 | |
| C3058 | ECUX1H100DC | | 1 | | C3269 | ECEV1CV470 | | | | | |
| C3059-6 | ECUX1E104ZF | V C. CAPACITOR CH 25V 0.1U | 3 | 0011.4 | C3270 | ECUX1E104ZI | | | | - !} | management the state of the sta |
| C3064-7 | 74 ECUX1E104ZF | C. CAPACITOR CH 25V 0.1U | 11 | | C3271, 7 | | | | | | |
| C3076-8 | | C. CAPACITOR CH 25V 0.1U | 6 | | C3273 | ECUX1H220JC | | | | | |
| C3083-8 | | | 7 | | C3274 | ECUX1H470J0 | | | | -# | |
| C3096 | ECUX1E104ZF | C. CAPACITOR CH 25V 0.1U | 1 | Pit lanning and the state of th | C3275 | ECUX1H390J0 | | | | -: | |
| C3097 | ECEV1CV4700 | | 1 | | C3276 | ECEV1CV4700 | | | | | // |
| C3098 | ECUX1E104ZF | | 1 | | C3277 | ECUX1E104ZF | | | | -; - | |
| C3099 | ECEV1CV4700 | | 1 | | C3278, 79 | | | | | | A |
| C3100 | ECUX1E104ZF | | 1 | | C3280 | ECUX1H181JC | | | | -2 | |
| C3101 | ECEV1CV4700 | | 1 | | C3281 | ECUX1H103KB | | | | | With the second |
| C3102 | ECUX1E104KB | | 1 | | C3282 | ECUX1E104ZF | | | | -; - | manage in Susan and the Control of t |
| C3103 | | V C. CAPACITOR CH 25V 0.1U | 1 | **** | C3283, 84 | | | | + | | |
| C3104 | ECEV1CV1000 | | 1 | | C3285 | ECEV1HN0100 | E. CAPACITOR CH 50V | | | 2 | |
| C3105 | ECUX1E104ZF | C. CAPACITOR CH 25V 0.1U | 1 | ***** | C3286, 87 | | | | - | -¦ - | |
| C3106, 07 | 7 ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 2 | I have not to be a second or the second or t | C3288 | ECUX1H680JC | | | | 2 | |
| C3108 | ECUX1E104ZF\ | C. CAPACITOR CH 25V 0.1U | 1 | The state of the second | C3289 | ECUX1H180JC | | | | -; - | |
| C3109 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | | C3290 | ECUX1E104ZF | | | + | 1 | |
| C3110 | | C. CAPACITOR CH 25V 0.1U | 1 | | C3291 | ECUX1H330JC\ | | 33P | | | |
| C3111 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | | C3292 | ECUX1H103KBV | | | - | 1 | |
| C3112 | ECUX1E104ZFV | | 1 | | C3296 | ECUX1H470JCV | | 47P | | -:- | |
| C3113 | ECUX1E104KBN | | 1 | | C3297 | ECUX1H150JCV | | 15P | | il | |
| C3114-16
C3130 | | | 3 | | C3298 | ECUX1H103KBV | | | 1 | 1 | |
| C3134-36 | ECUX1E104ZFV | | 1 | | C3299 | ECEV1VAN2R2 | E. CAPACITOR CH 35V | 2.20 | <u> </u> | il | 71141 |
| C3141 | ECUX1E104ZFV
ECUX1E104ZFV | | 3 | | C3300, 01 | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0. 1U | 1 | 2 | |
| C3142-45 | | | -11 | ······································ | C3302 | ECEV1CV4700 | E. CAPACITOR CH 16V | 47U | 1 | 1 | 130 300 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40 |
| C3146-63 | | | 4 | | C3303, 04 | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0. 1U | 2 | 2 | - 10-10-10-10-10-10-10-10-10-10-10-10-10-1 |
| C3175 | ECEVICV1000 | | 18 | | C3305 | ECUX1H102JV | C. CAPACITOR CH 50V | 1000P | 1 | 1 | |
| C3176 | ECUX1E104ZFV | | +- | | C3306 | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0. 1U |] 1 | 1 | A STATE OF THE PARTY OF THE PAR |
| C3178 | ECUX1E104ZFV | | | and the same of th | C3307 | ECEV1CV1000 | E. CAPACITOR CH 16V | 10U | 1 | 1 | |
| C3181, 82 | | | 2 | | C3308 | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0.10 | 1 | 1 | |
| C3184, 85 | | | 2 | · · · · · · · · · · · · · · · · · · · | C3309 | ECEV1CV4700 | E. CAPACITOR CH 16V | 47U | 1 | 1 | |
| C3186 | ECEV1EV100Q | | 1 | | C3310
C3311 | ECUX1H820JCV | C. CAPACITOR CH 50V | 82P | 1 | 1 | |
| C3189 | ECEV1CV470Q | E. CAPACITOR CH 16V 47U | 1 | | C3311 | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0.10 | 1 | 1 | |
| C3190, 91 | ECUX1E104ZFV | | 2 | | | ECUX1H103KBV | C. CAPACITOR CH 50V | 0.010 | 1 | 1 | |
| C3192 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0.10 | 2 | 2 | |
| C3193 | | C. CAPACITOR CH 25V 0.1U | | | C3315 | ECUX1H103KBV | C. CAPACITOR CH 50V | 0.010 | 1 | 4 | |
| C3194 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U 1 | 1 | | | ECUX1H470JCV
ECUX1H150JCV | C. CAPACITOR CH 50V | 47P | 1 | 1 | |
| C3195, 96 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U 2 | 2 | | | ECUX1H150JCV | C. CAPACITOR CH 50V | 15P | <u> </u> | 1- | |
| C3197 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U 1 | ı | | | ECUX1H102JV | C. CAPACITOR CH 35V | 1000P | _! | J | |
| C3198 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U 1 | | | | ECUXTETU4ZFV
ECUXTET04ZFV | C. CAPACITOR CH 25V | 0.10 | 2 | 1 | |
| C3199 | ECEV1EV330Q | E. CAPACITOR CH 25V 33U 1 | i | | | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0.10 | | — | |
| | | C. CAPACITOR CH 25V 0.1U 3 | 3 | | | | C. CAPACITOR CH 25V | 0.10 | . 7 | ļ | |
| | | E. CAPACITOR CH 16V 47U 1 | 1 | | | | C. CAPACITOR CH 50V | 270P | - 1 | _ | |
| C3204 | ECEV1EV3300 | E. CAPACITOR CH 25V 33U 1 | 1 | | | | C. CAPACITOR CH 25V
C. CAPACITOR CH 25V | 0.10 | 10 | ļ | |
| | | C. CAPACITOR CH 25V 0.1U 1 | 1 | | | ECUX1E104ZFV | C. CAPACITOR CH 25V | 0.10 | , 5 | ļ | |
| | | E. CAPACITOR CH 16V 10U 1 | | | | | C. CAPACITOR CH 25V | 0. 1U
0. 1U | 14 | | |
| | | C. CAPACITOR CH 25V 0.1U 6 | | | | *************************************** | | 0. IU
1000P | -# | ļ | |
| | | C.CAPACITOR CH 50V 0.01U 1 | | | | | C. CAPACITOR CH 50V | 1000P | -; | | |
| | | C. CAPACITOR CH 25V 0.1U 7 | <u> </u> | | | | C. CAPACITOR CH 50V | 39P | 규 | . | · · · · · · · · · · · · · · · · · · · |
| | | E. CAPACITOR CH 50V 1U 1 | | | | | C. CAPACITOR CH 25V | 0.10 | 5 | | |
| | | E. CAPACITOR CH 16V 47U 1 | L | | | | | 000P | 1 | | |
| | | C. CAPACITOR CH 25V 0.1U 13 | | | | | C. CAPACITOR CH 50V | 15P | ╁ | | |
| | | E. CAPACITOR CH 16V 10U 1 | <u> </u> | | | | | 0.10 | 3 | | |
| | | C. CAPACITOR CH 25V 0.1U 1 | | | C3425-27 E | | | 0.10 | 3 | | |
| | | C. CAPACITOR CH 50V 1000P 1 | | | C3428 E | CUX1H330JCV | C. CAPACITOR CH 50V | 33P | 1 | | THE RESIDENCE OF THE PROPERTY |
| | | C. CAPACITOR CH 50V 15P 1 | | | | | CAPACITOR CH 16V | 100 | 1 | - | |
| | | C. CAPACITOR CH 25V 0.1U 1 | | | | | | 0. 1U | 1 | | |
| | | C. CAPACITOR CH 50V 1000P 1 | | | C3433 E | CEV1CV4700 E | .CAPACITOR CH 16V | 47U | 1 | | |
| | | | | | | | | | 1 | | |
| | | | | | | | | | L | | |
| | | | | | | | | | | | |

| | | | _ | , | F | т | | Т | |
|--|---|---------------------------|----------|-----------|------------|---------------------------------------|-------------------------|--------------|--|
| Ref.No. | Part No. | Part Name & Description | Pc | Remarks | Ref.No. | Part No. | Part Name & Description | Po | s Remarks |
| C3434 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | | | 1C3074 | UPD42280G3 | IC | 1 | 1 |
| C3435 | ECEVICV1000 | E. CAPACITOR CH 16V 10U | | | 1C3075 | UPD485506G25 | IC | | 1 |
| The same of the sa | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | | 2 | 1C3076 | L7A1519 | IC | | 1 |
| C3438 | ECEVICV1000 | E. CAPACITOR CH 16V 10U | - | | IC3078-80 | TVHT244FT | IC | T | 3 |
| C3439 | | C. CAPACITOR CH 25V 0.1U | | | IC3081, 82 | TC74ACT374F | lic | T | 2 |
| C3440, 41 | ECUX1E104KBN | C. CAPACITOR CH 25V 0.1U | : |) | 1C3087 | NJM78L09UA | IC | | 1 |
| C3442 | | C. CAPACITOR CH 25V 0.1U | | | 1C3088 | NJM78L05UA | lic | 1 | 1 |
| C3442 | | C. CAPACITOR CH 50V 0.01U | - | | IC3089 | NJM79L05UA | IC | + | 1 |
| | | | - | | 103090 | AN78N05 | lic | ╁ | 1 |
| | I | C. CAPACITOR CH 25V 0.1U | - | | | | IC IC | ╀ | , |
| C3446,47 | | C. CAPACITOR CH 50V 0.01U | | | IC3091 | AN78N10 | | ļ | 1 |
| | | C. CAPACITOR CH 25V 0.1U | | | 1C3092 | AN79N10 | IC | ļ | 1 |
| C3455 | | C. CAPACITOR CH 25V 0.1U | Ľ | | 1C3093-95 | | IC | 1 | 3 |
| C3458 | ECUX1H070DCV | C. CAPACITOR CH 50V 7P | | | 103096 | TC74ACT374F | IC | 1 | 1 |
| C3459 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | | | 1C3098 | TC74ACT374F | IC | L | 1 |
| C3460 | ECUX1C104KBN | C. CAPACITOR CH 16V 0.1U | | : | 1C3099 | MC74HC125AF | IC | | 1 |
| C3461 | ECST1CY335Z | T. CAPACITOR CH 16V 3.3U | | | IC3100 | 74F08SJ | IC | l | 1 |
| C3462 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | | | IC3101 | SN74AS74ANS | IC | | 1 |
| C3463 | | E. CAPACITOR CH 16V 10U | | | IC3102 | TVHT244FT | 1C | 1 | 1 |
| C3464 | | C. CAPACITOR CH 25V 0.1U | - | | IC3103 | TVHC240FT | IC | 1 | 1 |
| C3465 | | C. CAPACITOR CH 50V 0.01U | - | | 103104 | NJM082BM | IC | t | 1 |
| C3466 | | C. CAPACITOR CH 25V 0.1U | - | | IC3105 | UPD65650J203 | lic | t | 1 |
| | | | ļ | | 1C3106 | SN74LS221NS | ic | [| 1 |
| C3467 | | C. CAPACITOR CH 50V 0.01U | ١ | | IC3106 | MC74HC04AF | 1C | +- | 11 |
| C3468 | · · · · · · · · · · · · · · · · · · · | C. CAPACITOR CH 25V 0.1U | ļ | | -,,, | | | | 1 |
| C3469 | | C. CAPACITOR CH 50V 0.01U | Ľ | | IC3108 | MC74HC257F | IC | - | |
| | | C. CAPACITOR CH 25V 0.1U | | | IC3109 | AN91A12S | IC | ļ | 1 |
| | | C. CAPACITOR CH 25V 0.1U | | | IC3110 | NE521D | 1C | ļ | ! |
| | | C. CAPACITOR CH 25V 0.1U | _ : | | | MM74HC221AM | 1C | L | 4 |
| C3500 | ECUX1E104KBN | C. CAPACITOR CH 25V 0.1U | _ 1 | | IC3115 | MC74HC04AF | IC | 1_ | 1 |
| C3501-03 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | · | IC3116 | NJM082BM | IC | | 1 |
| C3504,05 | ECEVOJN470Q | E. CAPACITOR CH6. 3V 47U | 2 | | IC3117, 18 | TC7SH00FU | IC |] : | 2 |
| C3506 | ECEVICV1000 | E. CAPACITOR CH 16V 10U | 1 | | IC3119 | SN74LS123NS | IC | | F. |
| C3507-10 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 4 | | IC3120 | NE521D | IC | 1 | |
| C3511 | | E. CAPACITOR CH 16V 10U | 1 | | IC3121 | NJM084M | ıc | 1 | 1 |
| C3512 | | C. CAPACITOR CH 25V 0.1U | 1 | | 1C3122 | MC74HC4053F | ıc | | 1 |
| C3513 | | C, CAPACITOR CH 50V 10P | | | IC3124 | MC74HC4053F | IC | 1 | 11 |
| . | | C. CAPACITOR CH 25V 0.1U | 2 | | IC3126 | TC7SH08FU | IC | | |
| 63314,13 | ECONIE IO4ZF V | C. CAFACTION OF 25V 0.10 | | | IC3127 | TC7SH00FU | 1C | - | |
| B2001 00 | 144.150V | DIODE | _ | | | NJM084M | IC | | |
| D3001,02 | | DIODE | 1 | | | | | - | • |
| | | DIODE | | | | UPD485506G25 | IC . | | |
| D3004 | MA142K | DIOOE | 1 | | | SN74S1051NS | IC . | 1 | 4 |
| D3005 | | DIODE | 1 | | | 74ALS541SJ | 10 | | |
| D3006 | | DIODE | 1 | | IC3137 | 74ALS245ASJ | IC | _ ! |] |
| D3007 | MA335 | DIODE | 1 | | | 74ALS541SJ | IC | 2 | 2 |
| D3010 | MA28W | DIODE | 1 | | 1C3140 | MACH211S10VC | IC | _ 1 | į. |
| | | | | | IC3141 | UPD71055GB | IC | 1 | 1 |
| FL3013 | VLF1482 | FILTER | 1 | | IC3142, 43 | NVHC244F | IC | 2 | 2 |
| | | | | | IC3144 | UPD71055GB | IC | 1 | j |
| IC3001 | SN74AS240ASL | IC | 1 | | IC3145 | M4128-6410VC | IC | 1 | BLANK ROM |
| IC3002-08 | | IC | 7 | | ID3145 | VS13085B | | 1 | SOFTWARE |
| IC3009-11 | | IC | 3 | | — | TVHT244FT | 1C | 1 | |
| 103003-11 | | IC | 2 | | | NVHC244F | 10 | | |
| 1C3012, 13 | TC7S04F | IC | 1 | | IC3149 | TVHT244FT | IC | 1 | |
| | | | <u>'</u> | <u> </u> | | NVHC244F1 | IC | 1 | |
| 1C3015 | AD9300KP | 10 | ! | | IC3150 | | 16 | 2 | |
| IC3016 | AD828AR | IC |
1 | | | | | 1 | |
| IC3017 | ADV7171KS | IC | ! | | | MN47V78SP | IC | | |
| | MC10H125M | IC | 1 | | | MN47V78SP | IC | ا | |
| | TLCX574F | IC | 1 | | IC3157, 58 | | 1C | 2 | |
| 103020-22 | | 10 | 3 | | | T160G70-1601 | 1C | 1 | And the state of t |
| 1C3025 | NVHC244F | 10 | _1 | | | | IC | _ | BLANK ROM |
| IC3026, 27 | TVHT244FT | IC | 2 | | | VS13085B | | 1 | SOFTWARE |
| IC3028 | MC10H124M | IC | 1 | | IC3161,62 | SN74S1051NS | IC | 2 | |
| IC3029, 30 | TVHT541FT | IC | 2 | | IC3163 | M4128-6410VC | IC | _ 1 | BLANK ROM |
| IC3031, 32 | | IC | 2 | | ID3163 | VS13085B | | 1 | SOFTWARE |
| IC3034-38 | | IC | 5 | | 103170,71 | MM74HC221AM | IC . | 2 | |
| IC3041, 42 | | IC | 2 | | | | IC | 1 | |
| | *************************************** | IC | 1 | | IC3173, 74 | | ic | 2 | |
| | | IC | 1 | BLANK ROM | | SN74LS221NS | IC | 1 | |
| 1D3050 | VS13085B | .~ | | SOFTWARE | | SN74LS221NS
SN74AS240ASL | IC | 1 | |
| | | 10 | | o, me | | MC74HC4053F | IC IC | 2 | |
| | | IC . | - : | | | · · · · · · · · · · · · · · · · · · · | | | |
| IC3061 | TVHT574FT | 1C | | | | NJM79L09UA | IC | | |
| IC3063-65 | | IC | 3 | | P | MC74HC574AF | IC | 3 | |
| | NVHC244F | IC | 1 | | | DAC10GS | IC | 1 | |
| | VY06629 | IC] | 1 | | | | IC | 1 | |
| | | IC | | BLANK ROM | | | IC | 1 | |
| ID3073 | VS13085B | | 1 | SOFTWARE | IC3186 | ADV7171KS | IC | 1 | |
| | | | | | | | | | |
| | *************************************** | | | | | | | | |
| | | | | | | | | | |

| Ref.No. | Part No. | Part Name & Description | b | D. 1 | | . 1 | | | | | | |
|--------------|--------------------------|---|---------------|--|---|---------------|--------------------------|----------------------|-------|--------|----------|--|
| IC3187 | AD9300KP | IC | 1 | Remarks | Ref. I | $\overline{}$ | Part No | | | io | n Pc | s Remarks |
| IC3189 | UPD485506G25 | | | | R3109 | | ERJ3GEYG102 | | | 1K | | 1 |
| | UPD65013F101 | | <u>'</u> | | R3110, | - | ERJ3GEYJ103 | | | OK. | | 2 |
| IC3191,92 | | ic | , | | R3114, | | ERJ3GEYG102 | | | ١K | | 2 |
| | M4128-6410VC | | 1 | BLANK ROM | R3118 | | ERJ3GEYJ103 | | |)K | _ | 1 |
| | VS13085B | | | SOFTWARE | R3119 | | ERJ3GEYG102 | | | IK | | 1 |
| IC3194 | UG10358B | IC | 1 | TOOI IMANL | R3120 | | ERJ3GEYJ103 | | | Ж | | 1 |
| | NVHC244F | IC | - | | R3121 | | ERJ3GEYG102 | | | K | | 1 |
| | UPD65042F024 | IC | | | R3122 | | ERJ3GEYJ101 | | | | | |
| | S80745AND9T1 | IC | - | | R3123 | | ERJ3GEYG102 | | | K | 1 | |
| | NE521D | IC | - ; | | R3124 | | ERJ3GEYJ103 | | | | 1 1 | |
| | AN78N05 | ic | | | R3125, | | RJ3GEYJ560 | | | 6 | 2 | 2 |
| | | | -7 | | R3127
R3129-3 | | RJ3GEY0R00 | | | 0 | 1 | |
| L3001 | VL00163J180 | COIL 18UH | 1 | | R3132 | | RJ3GEYJ103 | | | | 3 | |
| L3002 | VLQ0163J5R6 | COIL 5.6UH | 1 | | R3133 | | RJ3GEYJ560
RJ3GEYJ681 | | | | 1 | |
| L3003, 04 | VLQ0163J220 | COIL 22UH | 2 | | | | RJ3GEYJ560 | | | ****** | 1 ! | P10*1.01.4.5 |
| L3008 | VLP0133 | COIL | 1 | | R3136 | | RJ3GEYJ681 | | | | 2 | |
| L3009 \ | VLQ0163J220 | COIL 22UH | 1 | | R3137-4 | | RJ3GEYJ560 | | | | <u>├</u> | · · · · · · · · · · · · · · · · · · · |
| | VL00319K470 | COIL 47UH | 1 | | R3142 | | RJ3GEYG102 | | | | -; | |
| | VLQ0319K680 | COIL 68UH | 1 | | | | RJ3GEYJ220 | , | | | 1 10 | |
| | VLQ0319K221 | COIL 220UH | 1 | | R3154 | | RJ3GEYG102 | | | ****** | 10 | |
| | VLQ0319K101 | COIL 100UH | _1 | | R3155, 5 | | RJ3GEYJ220 | | | | 2 | |
| | VL00319K470 | COIL 47UH | 2 | | R3167-7 | | RJ36EYJ560 | M. RESISTOR CH 1/1 | | | 1 | |
| | /L00163J221 | COIL 220UH | ij | | R3171,7 | | RJ3GEYG102 | M. RESISTOR CH 1/1 | | | 2 | |
| | /L00319K390 | COIL 39UH | 1 | | R3173,7 | | RJ3GEYJ330 | M. RESISTOR CH 1/1 | | | 2 | |
| | /L00163J220 | COIL 22UH | 2 | | R3183, 8 | | RJ3GEYG102 | M. RESISTOR CH 1/1 | | | 5 | 70.4.5.1 |
| | /LP0133 | COIL | 8 | | R3185-9 | | RJ36EY6471 | M. RESISTOR CH 1/16 | | | 7 | and the second property of the second |
| | /L00163J2R7 | COIL 2. 7UH | 1 | | R3192 | | RJ3GEYG102 | M. RESISTOR CH 1/16 | | | 1 | |
| L3039 V | /L00163J5R6 | CO1L 5.6UH | 1 | | R3193-99 | | RJ3GEYG471 | M. RESISTOR CH 1/16 | | | 7 | |
| B2001 00 1. | | | | | R3203 | EA | RJ3GEYG102 | M. RESISTOR CH 1/16 | | | 1 | |
| | | | 2 | | R3204 | EA | RJ3GEYJ512 | M. RESISTOR CH 1/16 | | | i | |
| | | | 4 | | R3205, 06 | ER | RJ3GEYG102 | M. RESISTOR CH 1/16 | | | 2 | Accessed to the second |
| | JP3515A052
JP3125D008 | | 1 | | R3207 | ER | N3GEYJ512 | M. RESISTOR CH 1/16 | | | 1 | |
| F3003 V. | JP31250008 | CONNECTOR (MALE) | 1 | | R3208, 09 | ER | JJ3GEYG102 | M. RESISTOR CH 1/16 | | | 2 | |
| 03001,02 MS | SD601-R | TRANSPORT | | | R3211 | ER | J3GEYOROO | M. RESISTOR CH 1/16 | W O | 7 | 1 | |
| | | | 2 | | R3212-15 | ER. | J3GEYG102 | M. RESISTOR CH 1/16 | W 1K | | 4 | |
| | | TRANSISTOR
TRANSISTOR | 1 | | R3240-51 | | J3GEYJ103 | M. RESISTOR CH 1/16 | # 10K | | 12 | -B |
| | | TRANSISTOR | - | | R3252 | | J3GEYG102 | M. RESISTOR CH 1/16 | | 1 | 1 | |
| | | | - | | R3253-68 | | J3GEYJ103 | M. RESISTOR CH 1/16 | | | 16 | |
| | | TRANSISTOR-RESISTOR | 2 | | R3269-89 | | J3GEYG102 | M. RESISTOR CH 1/16 | | Ι | 21 | |
| | | TRANSISTOR-RESISTOR | <u>'</u> | | R3308 | | J3GEYG102 | M. RESISTOR CH 1/16 | | | 1 | |
| | | | 1 | | R3309 | | | M. RESISTOR CH 1/16 | | 1 | 1 | |
| | | TRANSISTOR | i | | R3310-13 | | J3GEYJ220 | M. RESISTOR CH 1/16 | | | 4 | |
| | | | + | | R3315
R3316 | - | J3GEYJ220 | M. RESISTOR CH 1/16 | | 4 | 1 | |
| R3001~05 ER | N3GEYG102 | A.RESISTOR CH 1/16W 1K 5 | 5 | | R3318 | | | M. RESISTOR CH 1/16V | | | 1 | |
| R3006-23 ER | NJ3GEYJ220 | I.RESISTOR CH 1/16W 22 18 | В | | R3319 | | | M. RESISTOR CH 1/169 | | - - | 4. | |
| R3025-31 ER | | I.RESISTOR CH 1/16W 22 7 | 7 | | R3320 | | | M. RESISTOR CH 1/16W | | + | | |
| R3032-34 ER | | I.RESISTOR CH 1/16W 1K 3 | 3 | | R3321 | | | M. RESISTOR CH 1/16W | | + | | |
| | J3GEYOROO M | I.RESISTOR CH 1/16W 0 1 | | | R3322 | | | M. RESISTOR CH 1/16W | **** | + | -; - | |
| | | I.RESISTOR CH 1/16W 1K 2 | 2 | | R3323 | | | M. RESISTOR CH 1/16W | | + | | |
| R3040-57 ER. | | .RESISTOR CH 1/16W 22 18 | | | R3324 | | | M. RESISTOR CH 1/16W | | +- | | |
| R3058,59 ER | | RESISTOR CH 1/16W 47 2 | | | R3326 | ~~~~ | | M. RESISTOR CH 1/16W | 1K | + | ; | |
| | | RESISTOR CH 1/16W 27 1 | | | R3327 | | | M. RESISTOR CH 1/16W | 100K | + | ╁ | |
| | | .RESISTOR CH 1/16W 47 1 | ļ | | R3328-31 | | | M. RESISTOR CH 1/16W | 0 | 1 | 4 | |
| | | RESISTOR CH 1/16W 27 1 | | | R3337, 38 | | | M. RESISTOR CH 1/16W | 0 | 1 | 2 | |
| | | RESISTOR CH 1/16W 47 7 | _ | | R3341,42 | | | M. RESISTOR CH 1/16W | 0 | † | 2 | 111 11 11 14 14 14 14 14 14 14 14 14 14 |
| | | RESISTOR CH 1/16W 680 1 | ļ | | R3343 | + | | M. RESISTOR CH 1/16W | 4.7K | † | ī | *** |
| | | RESISTOR CH 1/16W 820 1 | ļ | | R3344 | ERJ3 | | M. RESISTOR CH 1/16W | 6. 8K | 1 | 1 | |
| | | RESISTOR CH 1/16W 510 1 | ļ | | R3345 | | | M. RESISTOR CH 1/16W | 56K | 1 | 1 | |
| | | RESISTOR CH 1/10W 1.5K 1 | ļ | | R3346 | ********** | | M. RESISTOR CH 1/16W | 22K | 1 | 1 | |
| | | RESISTOR CH 1/10W 56 1 | | | | | GEYJ563 | M.RESISTOR CH 1/16W | 56K | 1 : | i† | |
| | | RESISTOR CH 1/10W 680 1 | ļ | | | | GEYJ222 | M. RESISTOR CH 1/16W | 2.2K | 1 | 1 | |
| | | RESISTOR CH 1/10W 1.5K 1 | | | | | GEYG822 | M. RESISTOR CH 1/16W | 8.2K | 1 | 1 | |
| | | RESISTOR CH 1/10W 1.2K 1 | | | | | GEYJ223 | W.RESISTOR CH 1/16W | 22K | 1 | 1 | |
| | | RESISTOR CH 1/10W 150 1 | | ************************************** | | | | M.RESISTOR CH 1/16W | 1K | 1 | | |
| | | RESISTOR CH 1/10W 75 1 | | | | | | A.RESISTOR CH 1/16W | 10K | 2 | | |
| | | RESISTOR CH 1/10W 1K 1 | | | | | | 1. RESISTOR CH 1/16W | 1K | 2 | | |
| | | RESISTOR CH 1/10W 1K 1 | | | | | | I.RESISTOR CH 1/16W | 47K | 1 | T | THE STATE OF THE S |
| | | RESISTOR CH 1/10W 150 1 | | | | | | I.RESISTOR CH 1/16W | 3. 3K | 1 | Ī | |
| | | RESISTOR CH 1/16W 2.2K 1 | | opening the second seco | | | | I.RESISTOR CH 1/16W | 114 | 1 | 1 | 21 alla accessor co approved (16 a. P |
| | | RESISTOR CH 1/10W 75 1 | | | | | | LRESISTOR CH 1/16W | 10K | 1 | 1 | e contratte de la contratte de |
| | | RESISTOR CH 1/16W 100 1 | ••••• | | *************************************** | •••••• | | LRESISTOR CH 1/16W | 470 | 1 | | *** |
| VZ ICINJ | | RESISTOR CH 1/16W 10K 4 RESISTOR CH 1/16W 330 8 | | | | | | RESISTOR CH 1/16W | 1K | _ 1; | [| |
| | | | | | | n 100 | | | | | | |
| | 3GEYJ331 M. F | E313101 Cr 1/10# 330 81 | | | R3362, 63 | :KJ36 | EYJ222 M. | .RESISTOR CH 1/16W | 2.2K | 2 | | |

| | · | | | 1 | | 7 | |
|---|--|---|--|---|----------------------------|---|-------------|
| Ref.No. | Part No. | Part Name & DescriptionP | es Remarks | Ref. No. | | Part Name & Description | Pcs Remarks |
| R3364 | ERJ3GEYJ683 | M. RESISTOR CH 1/16W 68K | 1 | R3546, 47 | | M. RESISTOR CH 1/16W 4.7K | 2 |
| R3365 | ERJ3GEYJ223 | M. RESISTOR CH 1/16W 22K | 1 | R3548 | ERJ3GEYJ681 | M. RESISTOR CH 1/16W 680 | 1 |
| R3366 | ERJ3GEYG152
ERJ3GEYG822 | M. RESISTOR CH 1/16W 1.5K M. RESISTOR CH 1/16W 8.2K | 1 | R3549
R3551 | ERJ3GEYJ333
ERJ3GEYJ333 | M. RESISTOR CH 1/16W 33K M. RESISTOR CH 1/16W 33K | 1 |
| R3367
R3368 | ERJ3GEYJ393 | M. RESISTOR CH 1/16W 39K | 1 | R3552 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | + 1 |
| R3369 | ERJ3GEYJ272 | M. RESISTOR CH 1/16W 2.7K | 1 | R3553 | ERJ3GEYJ683 | M. RESISTOR CH 1/16W 68K | 1 |
| R3370 | ERJ3GEYJ684 | M. RESISTOR CH 1/16W 680K | 1 | R3554 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 1 |
| R3371 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | R3556 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 |
| R3372, 73 | ERJ3GEYG822 | M. RESISTOR CH 1/16W 8.2K | 2 | R3557 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 |
| R3374-77 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K | 4 | R3558 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15K | 1 |
| R3378 | ERJ3GEYJ221 | M.RESISTOR CH 1/16W 220 | 1 | R3559,60 | ERJ3GEYJ560 | M. RESISTOR CH 1/16W 56 | 2 |
| R3379 | ERJ3GEYJ184 | M. RESISTOR CH 1/16W 180K | 1 | R3562 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 |
| R3380 | ERJ3GEYJ224 | M. RESISTOR CH 1/16W 220K | 1 | R3564 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 |
| R3381 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15K | 1 | R3565, 66 | | M. RESISTOR CH 1/16W 75 | 2 |
| R3382-84 | ERJ3GEYJ333 | M. RESISTOR CH 1/16W 33K | 3 | R3567 | ERJ3GEYJ222
ERJ3GEYJ681 | M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 680 | 1 |
| R3389
R3393, 94 | ERJ3GEYG102
ERJ3GEYJ473 | M. RESISTOR CH 1/16W 1K M. RESISTOR CH 1/16W 47K | 2 | R3568
R3569 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 |
| R3395, 96 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K | 2 | R3572-74 | | M. RESISTOR CH 1/16W 10K | 3 |
| R3397 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | R3576 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 |
| R3398 | ERJ3GEYJ223 | M. RESISTOR CH 1/16W 22K | 1 | R3577 | ERJ6RBD101 | M. RESISTOR CH 1/10W 100 | 1 |
| R3399 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 | R3578 | ERJ6RED510 | M. RESISTOR CH 1/10W 51 | 1 |
| R3400 | ERJ3GEYJ123 | M. RESISTOR CH 1/16W 12K | 1 | R3579, 80 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 2 |
| R3401 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | R3584 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | 1 |
| R3402 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 1 | R3586 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 1 |
| R3403 | ERJ3GEYG822 | M.RESISTOR CH 1/16W 8.2K | 1 | R3587 | ERJ6GEYG222 | M. RESISTOR CH 1/10W 2.2K | 1 |
| R3404 | ERJ3GEYJ153 | M.RESISTOR CH 1/16W 15K | 1 | R3588 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 1 |
| R3407 | ERJ3GEYG152 | M. RESISTOR CH 1/16W 1.5K | 1 | R3589 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | []
] |
| R3408 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K | 1 | R3590
R3591 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 0 | 1 |
| R3409
R3410 | ERJ3GEYJ153
ERJ3GEYJ273 | M. RESISTOR CH 1/16W 15K M. RESISTOR CH 1/16W 27K | 1 | R3592 | ERJ6GEY0R00
ERJ6GEYG102 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 1K | 1 |
| R3411 | ERJ36EYJ105 | M. RESISTOR CH 1/16W 1M | 1 | R3594, 95 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | 2 |
| R3412 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 11 | R3597, 98 | ERJ6RED750 | M. RESISTOR CH 1/10W 75 | 2 |
| R3414 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 1 | R3599 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 3 |
| R3415 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | R3600 | ERJ3GEYJ750 | M. RESISTOR CH 1/16W 75 | 1 |
| R3416 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K | 1 | R3601 | ERJ3GEYJ563 | M.RESISTOR CH 1/16W 56K | 1 |
| R3417, 18 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K | 2 | R3603 | ERJ3GEYJ101 | M.RESISTOR CH 1/16W 100 | 1 |
| R3419 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K | 1 | R3604,05 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 2 |
| R3420 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15K | 1 | R3620-24 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 5 |
| R3421 | ERJ3GEYG822 | MITTEGRATOR OF THE TOTAL OF ER | 1 | R3625 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 1 |
| | ERJ3GEYG102
ERJ3GEY0R00 | M. RESISTOR CH 1/16W 1K M. RESISTOR CH 1/16W 0 | 2 | R3626
R3628 | ERJ3GEYG102
ERJ3GEY0R00 | M. RESISTOR CH 1/16W 1K M. RESISTOR CH 1/16W 0 | 1 |
| | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 2 | R3630, 31 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 |
| R3429 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | R3632 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 |
| R3430 | ERJ3GEYG471 | M. RESISTOR CH 1/16W 470 | 1 | R3636, 37 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 |
| R3431 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 | R3638, 39 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 2 |
| R3432-34 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 3 | R3641 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 |
| R3435 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | 1 | R3643 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 |
| R3436 | *************************************** | M. RESISTOR CH 1/16W 10K | 1 | R3645 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 1 |
| | *************************************** | | 2 | | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 | 2 |
| | | | 5 | R3649 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | |
| | | M. RESISTOR CH 1/16W 1K M. RESISTOR CH 1/16W 1K | 0 | R3650
R3651 | ERJ3GEYJ220
ERJ3GEYJ391 | M. RESISTOR CH 1/16W 22
M. RESISTOR CH 1/16W 390 | 1 |
| R3451
R3452 | | M. RESISTOR CH 1/16W 1K M. RESISTOR CH 1/16W 0 | 1 | R3652 | ERJ6RBD331 | M. RESISTOR CH 1/10W 330 | 1 |
| R3454 | | M. RESISTOR CH 1/16W 10K | 1 | R3653, 54 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 |
| R3455 | A | M. RESISTOR CH 1/16W 1K | 1 | | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | 2 |
| | | M. RESISTOR CH 1/16W 0 | 2 | *************************************** | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 |
| | | M.RESISTOR CH 1/16W 0 | | | ERJ3GEYJ562 | M. RESISTOR CH 1/16W 5.6K | 2 |
| R3462 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | | R3670 | ERJ6RBD681 | M. RESISTOR CH 1/10W 680 | 1 |
| | | M. RESISTOR CH 1/16W 1K | | R3671 | ERJ6RBD271 | M. RESISTOR CH 1/10W 270 | 1 |
| | | M. RESISTOR CH 1/16W 10K 2 | 2 | R3700 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 1 |
| | | M. RESISTOR CH 1/16W 1K | 3 | | | | |
| · | | M. RESISTOR CH 1/16W 8.2K | | TG3001-03 | LYF6CU | TEST POINT | 3 |
| | | M. RESISTOR CH 1/16W 22K | | TP3001-13 | EVEROI | TEST PAINT | 13 |
| | | M. RESISTOR CH 1/16W 2.7K M. RESISTOR CH 1/16W 1K | | TP3001-13 | EYF6CU
EYF6CU | TEST POINT | 1 |
| | CLASSIC CONTRACTOR OF THE CONT | M. RESISTOR CH 1/16W 56K | AND THE THE THE PARTY OF THE PA | 11 3013 | E.11 000 | TEOT TOTAL | |
| | | M. RESISTOR CH 1/16W 4.7K | Walter Manager Control of the State of the S | VC3001,02 | VCV0050 | TRIMMER | 2 |
| | | M. RESISTOR CH 1/16W 6.8K | | | | | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | **** | M. RESISTOR CH 1/16W 1K | | VR3001 | VRV0113B102 | V.RESISTOR 1K | 1 |
| | | M. RESISTOR CH 1/16W 680 | | VR3002 | VRV0161B201 | V. RESISTOR 200 | 1 |
| | | M. RESISTOR CH 1/16W 33 2 | | VR3004 | VRV0161B502 | V.RESISTOR 5K | 1 |
| | | M.RESISTOR CH 1/16W 22 | | VR3005 | VRV0113B202 | V.RESISTOR 2K | 1 |
| | | MLRESISTOR CH 1/16W 10K 2 | | VR3006 | VRV0113B503 | V.RESISTOR 50K | 1 |
| | | M. RESISTOR CH 1/16W 22 | | VR3007 | VRV0113B103 | V. RESISTOR 10K | 1 |
| R3544, 45 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K 2 | | VR3011 | VRV0113B202 | V.RESISTOR 2K | 1 |
| | | | | | | | |
| | | | | L | | | |

| Ref. N | | | nPc | s Remarks | Ref. | No. | Part No. | Part Name & Descrip | tio | nD, | Pomorko |
|---|------------------------------|--|--------------|--|----------------|----------|-------------------------------|--|------------|--------------|--|
| VR3012 | | | | | C651- | | ECUM1H103KB | N C. CAPACITOR CH 50V 0. | | 1 | Remarks |
| VR3013
VR3014 | | | | | C657 | | ECEV1CV4700 | | 47U | - | 1 |
| VR3015, | | | 1 | | C658 | | ECUM1H103KB | N C. CAPACITOR CH 50V 0. |)1U | - | 1 |
| VR3019 | | | 1 | | C659 | | ECUX1E104KB | | 10 | 1 | 1 |
| ***************************** | ,21 VRV0113B10 | | + ; | | C837 | | ECEV1HN4R70 | | 7U | | 1 |
| VR3025 | | | | | C838
C839 | | ECUM1H103KB
ECUX1E104KB | | | | 1 |
| | | | 1 | | C840~ | 42 | ECUM1H103KB | | 10 | - | 1 |
| X3001 | VSX0788 | CRYSTAL OSCILLATOR | 1 | | C843 | | ECEV1HN4R70 | | | 1 | 3 |
| X3002 | VSX0567A | CRYSTAL OSCILLATOR | 1 | | C887 | | ECEV1HN4R7Q | | 7U
7U | +-, | |
| X3003 | VSX0081 | CRYSTAL OSCILLATOR | 1 | | C888 | | ECUM1H103KB | | | + ; | |
| X3004 | VSX0363 | CRYSTAL OSCILLATOR | 1 | | C889 | | ECUX1E104KBI | | ********** | 1 | |
| | | MISCELLANEOUS | ļ | | C890 | | ECUM1H103KBN | C. CAPACITOR CH 50V 0.0 | 10 | 1 | |
| | | MISCELLANEOUS | | | C891 | | ECEV1HN4R70 | E. CAPACITOR CH 50V 4. | 7U | 1 | |
| | VML2143 | CARD PULLER | 1 1 | | C920-2 | | ECUM1H103KBN | | 10 | 8 | |
| | VML2144 | CARD PULLER | 1 | ************************************** | C970
C971 | | ECUMINIOAZEN | | | 1 | |
| | | | | | C972 | | ECEVOJV4700
ECUM1H103KBN | | 7U | 1 | |
| | | | | | C973, 7 | | | C. CAPACITOR CH 50V 0.0 | •••• | 2 | |
| | | | | | | | | 22 |)F | | V |
| <u></u> | | | | | FL1 | Ī | VLF0576 | FILTER | | 1 | The state of the s |
| ■ E8 | VEP84326C | F7 A PROCESS P. C. BOARD | _ | /0 | FL431 | | VLF0941C223 | FILTER | | i | |
| = Lo | VEF 84326C | F7 A PROCESS P. C. BOARD | -1 | (RTL) | FL490 | | VLF0941C223 | FILTER | | 1 | |
| | | | | | | | | | | | |
| C1 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | -, | | IC15 | | AC10H125M | IC | | 1 | |
| C2 | | N C. CAPACITOR CH 50V 0.01U | - | | IC16
IC17 | | AC74HC541AF | 10 | | 1 | |
| C3, C4 | ECEV1CV4700 | | 2 | | IC18 | | IC74HC574AF
IC74HC541AF | IIC
IIC | | _1 | |
| C5 | ECUM1H103KB | N C. CAPACITOR CH 50V 0.01U | 1 | | 1019 | | C74HC153F | IIC | | 1 | |
| C6, C7 | ECEV1CV4700 | | 2 | | 1C20 | | 74HCT541AF | lic | | -; | |
| C8 | ECUM1H103KB | | 1 | | IC21 | | IC74HC08AF | lic | | - ; | |
| C9
C10 | ECEV1CV4700 | | 1 | | IC22 | Т | VHT244F | IC | | il | |
| C15, 16 | ECUM1H103KB | | 1 | | 1C23 | M | C74HC74AF | IC | -1 | 1 | |
| C20-31 | ECUM1H102KBI | | 2 | | 1C25, 26 | | C74HC541AF | IC | | 2 | |
| C32 | ECUX1E104KBI | | 12 | | 1C27 | | C10H124M | 10 | | 1 | |
| C33-35 | ECUM1H103KBN | | 3 | Management of the second plants of the second secon | IC110, 1 | | N74S1051NS | IC | | 2 | |
| C110-21 | ECUM1H103KB | | 12 | | IC112 | | 4F541SJ
4F245SJ | IC | | 1 | |
| C122 | ECKF1H182KB | C. CAPACITOR 50V 1800P | 1 | A | IC114, 1 | | 4F541SJ | IC | | -1 | |
| C190-94 | ECUM1H103KBN | | 5 | | 10116,1 | | 1AC138SJ | IC | | 2 | |
| C220, 21 | ECUM1H103KBN | | 2 | | IC118, 19 | 9 UF | PD71055GB | IC | - | 2 | |
| C222, 23
C224, 25 | ECEVICV4700 | | 2 | | IC120 | 74 | IF32SJ | IC | | ī | to a construction of the c |
| C228, 29 | ECUM1H103KBN
ECUM1H103KBN | | 2 | W | IC121 | 74 | IACO4SJ | IC | | 1 | |
| C231 | ECUM1H103KBN | | 2 | | IC190 | | 74HC540AF | IC | | 1 | |
| C232-34 | ECEV1HVOR10 | | 3 | | IC191-93 | | 74HC541AF | IC | | 3 | |
| C235 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | Marian and Marian and the control of | IC194
IC220 | | 74HC04AF
AC04SJ | IC | | 1 | |
| C236 | ECUM1H103KBN | | 1 | | 1C220 | | | IC
IC | _ | 4 | |
| | ECEV1CV100Q | E. CAPACITOR CH 16V 10U | 1 | d | IC224, 25 | | | IC | | 1 | |
| C238 | ECUM1H103KBN | | 1 | | IC226, 27 | - | | IC | | 2 | |
| | ECUM1H470JCN | C. CAPACITOR CH 50V 47P | 2 | | IC229 | ILN | | IC | | 1 | |
| *** | ECUMITHIO3KBN | | 5 | | 1C340 | EPF | F10K20TC-4 | IC | 1 | 1 | |
| | ECEVOJV3300 | C. CAPACITOR CH 25V 0.1U C
E. CAPACITOR CH6.3V 33U | | | IC341 | ***** | | C | | 1 | |
| | ECUM1H104ZFN | C. CAPACITOR CH6. 3V 33U C. CAPACITOR CH 50V 0. 1U | - | | 1C342 | | | C | 1 | 1 | |
| *************************************** | ECUX1H122KBN | C. CAPACITOR CH 50V 1200P | <u> </u> | | 10343,44 | | | C | | 2 | |
| | ECEVOJV3300 | E. CAPACITOR CH6.3V 33U 1 | 1 | | 1C430
1C434 | | | C | - | 1 | |
| | ECUMIH104ZFN | C. CAPACITOR CH 50V 0.1U 2 | 2 | | 1C434
1C435 | | | C | - | ! - | |
| | | C. CAPACITOR CH 50V 0.1U 4 | 1 | | 1C436 | | | C | + : | - | |
| | | C. CAPACITOR CH 50V 0.1U 3 | 3 | | 1C490 | | | C | +; | H | 20 to 10 miles (|
| | ECEVOJV3300 | E. CAPACITOR CH6. 3V 33U 1 | 1 | | IC491 | | 56DVP10VL I | and the second s | + 1 | | |
| | ECUMIHIO4ZFN | C. CAPACITOR CH 50V 0.1U 1 | 1 | | 1C492 | | 65845G068 I | | + ; | 1 | · · · · · · · · · · · · · · · · · · · |
| | ECEVOJV3300
ECUM1H104ZFN | E. CAPACITOR CH6. 3V 33U 1 | _ | | IC493 | | 56DVP10VL I | C | i | t^- | |
| | | C. CAPACITOR CH 50V 0.1U 9
C. CAPACITOR CH 50V 0.01U 1 | - | | 1C530 | | 4HC157AF | |] 1 | İ | 10 Mar. 1 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) |
| | | C. CAPACITOR CH 50V 0.01U 1 C. CAPACITOR CH 50V 18P 1 | | | 10531 | | 893JST [1 | | 1 | | |
| | | C. CAPACITOR CH 50V 0.01U 2 | | M. T. T. T. T. T. T. T. T. T. T. T. T. T. | 10533 | | GH7AF1216 10 | | 1 | ļ | J |
| | | C. CAPACITOR CH 50V 18P 1 | 1- | ************************************** | 1C534
1C535 | | 56DLG7L 10
4HC74AF 10 | | 1 | | |
| | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U 2 | İ | | IC536 | | 4HC74AF 10
4HC157AF 10 | | 1 | ļ | |
| | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U 4 | | | | | HC157AF IC | | - 1 | | |
| | - | C. CAPACITOR CH 50V 18P 1 | [| 791 | IC592 | . | B93JST 10 | Annual Contract Contr | 1 | ļ | · · · · · · · · · · · · · · · · · · · |
| | | C. CAPACITOR CH 50V 0.01U 1 | | | IC594 | | 3H7AF1216 10 | O consideration to the contract of the contrac | [i | | |
| | | C. CAPACITOR CH 50V 18P 1 | | | 1C595 | K625 | 6DLG7L IC | | 1 | | 100 1000 mm - 10 |
| | | C. CAPACITOR CH 50V 0.01U 4 | | | 1C596 | | HC157AF IC | PARTIES . | [] | | |
| | milloskom | C. CAPACITOR CH 50V 0.01U 4 | | | IC651 | EPF1 | OK2OTC-4 IC | | 1 | | |
| | | and the second s | | ······································ | | | | | | | |
| | | | | | | | | | | | |

| Ref. No. | Part No. | Part Name & Description | Pcs | Remarks | Ref. No. | Part No. | Part Name & DescriptionPcs Remarks |
|---|--|--|-----|--|-----------------|----------------------------|--|
| 1C652 | M5M417800DJ6 | IC | 1 | | R243 | ERJ6GEYG682 | M. REISITOR CH 1/10W 6.8K 1 |
| 1C653 | VS13000B | IC | 1 | | R244 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| 1C654 | S80726ANDP | IC | 1 | | R245 | ERJ6GEYG332 | M. RESISTOR CH 1/10W 3.3K 1 |
| 1C820 | 74AC04SJ | IC | 1 | | R246 | ERJ6GEYF123 | M. RESISTOR CH 1/10W 12K 1 |
| IC821 | MC74HC08AF | IC | 1 | | R322, 23 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 2 |
| 1C822 | MC74HC74AF | IC | 1 | | R340,41 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 2 |
| IC826 | SN75158P | IC | 1 | | R342-45 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 4 |
| IC873 | SN75158P | IC | ī | | R348-50 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 3 |
| IC874 | MC74HC74AF | IC | 1 | | R351-56 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 6 |
| IC920 | MC74HC08AF | IC | 1 | | R357 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| ∤C921 | MB87D136APFV | IC | 1 | | R395 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| 1C970 | TL7705CPSB | IC | 1 | | R397 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| | | | ļ | | R399 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| 18342 | VJS3096308 | IC SOCKET | _1 | | R401 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| 18653 | VJS3096308 | IC SOCKET | 1 | | R431 | ERJ6GEYF123 | M. RESISTOR CH 1/10W 12K 1 |
| *************************************** | | | ļ | | R434 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| L1,L2 | VLP0133 | COIL | 2 | | R437-39 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 3 |
| | | | ļ | | R446 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| P1,P2 | VJP3454B096 | CONNECTOR (MALE) | 2 | | R450 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 1 |
| | | | | | R452 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 1 |
| R15 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | | R453-56 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 4 |
| R17, 18 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 2 | | R458 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 1 M. RESISTOR CH 1/10W 0 2 |
| R20 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | A STATE OF THE STA | R459, 60 | ERJ6GEY0R00 | |
| R21 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | | Maria & Address Address (Art. Control | R462
R492-94 | ERJ6GEYG102 | |
| R22 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | | R492-94
R495 | ERJ6GEY0R00
ERJ6GEYG331 | M.RESISTOR CH 1/10W 0 3
M.RESISTOR CH 1/10W 330 1 |
| R23-27 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 0 | 8 | | R495-98 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 330 1 |
| R29-36 | ERJ6GEY0R00 | | 3 | | R500, 01 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 2 |
| R37-39 | ERJ6GEYG331
ERJ6GEY0R00 | M. RESISTOR CH 1/10W 330
M. RESISTOR CH 1/10W 0 | 3 | | R503, 04 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 2 |
| R41 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 8 | | R531 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 |
| R43-50 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | 1 | | R532 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R51 | , | M. RESISTOR CH 1/10W 10K | 1 | | R533 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 |
| R55
R56 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 1K | | | R534 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R57 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | 1 | | R536 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R60, 61 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 2 | | R537 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R62-64 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | 3 | | R538, 39 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 2 |
| R65 | ERJ6GEYJ471 | M. RESISTOR CH 1/10W 470 | 1 | | R540-43 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 4 |
| R67-73 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 7 | | R544 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R74 | ERJ6GEYJ471 | M. RESISTOR CH 1/10W 470 | 1 | | R546 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R76-83 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 8 | | R548 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R84, 85 | ERJ6GEYJ471 | M.RESISTOR CH 1/10W 470 | 2 | | R550 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R86 | ERJ6GEYG470 | M.RESISTOR CH 1/10W 47 | 1 | | R554 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R92-94 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 3 | | R555, 56 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 2 |
| R96-00 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 5 | | R557 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R103 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | R558 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R104-06 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 3 | | R560 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R107-09 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 3 | | R561 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R110-32 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | 23 | | R564 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R133-36 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | 4 | | R566-73 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K 8 |
| R137-40 | ERJ6GEYG332 | M. RESISTOR CH 1/10W 3.3K | 4 | | R590 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R141-46 | | M.RESISTOR CH 1/10W 1.5K | 6 | | R591 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| R147-50 | | M.RESISTOR CH 1/10W 3.3K | 4 | | R593 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 1 |
| R151-55 | ERJ6GEYG152 | M.RESISTOR CH 1/10W 1.5K | 5 | | R595 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R156 | ERJ6GEYG470 | M.RESISTOR CH 1/10W 47 | _1 | | R597 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R157 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | | R599 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R158 | ERJ6GEYG470 | M.RESISTOR CH 1/10W 47 | 1 | | R600 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R159 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | | R601 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 |
| R161-64 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 4 | | R602 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 1 |
| R165 | | M.RESISTOR CH 1/10W 0 | _1 | A SAMOON MILLIAMON | R603 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K 1 |
| R190 | | M.RESISTOR CH 1/10W 0 | 1 | | R606 | | M. RESISTOR CH 1/10W 0 1 |
| R193-96 | | M.RESISTOR CH 1/10W 330 | 4 | | R608 | | M. RESISTOR CH 1/10W 0 1 |
| R199 | | Mr. RESISTOR CH 1/10W 0 | 1 | | R613 | | M. RESISTOR CH 1/10W 330 1 |
| R220,21 | | M.RESISTOR CH 1/10W 1.5K | 2 | | | -A | M. RESISTOR CH 1/10W 0 2 |
| R222 | | M. RESISTOR CH 1/10W 5.6K | -1 | | R616 | | M. RESISTOR CH 1/10W 330 1 |
| R223 | | M.RESISTOR CH 1/10W 3.9K | 1 | | R617 | | M. RESISTOR CH 1/10W 0 1 |
| R224, 25 | | M.RESISTOR CH 1/10W 1K | 2 | | R619 | | M. RESISTOR CH 1/10W 0 1 |
| R226,27 | | M. RESISTOR CH 1/10W 100 | 2 | | R620 | | M. RESISTOR CH 1/10W 330 1 |
| R228, 29 | | M. RESISTOR CH 1/10W 10K | 2 | | | | M. RESISTOR CH 1/10W 100K 4 |
| R232,33 | · · · · · · · · · · · · · · · · · · · | M. RESISTOR CH 1/10W 10K | 2 | | | | M. RESISTOR CH 1/10W 10K 8 |
| R236 | | M. RESISTOR CH 1/10W 0 | 1 | | R655 | | M. RESISTOR CH 1/10W 0 1 |
| R237 | | M. RESISTOR CH 1/10W 3.3K | 1 | | R658 | | M. RESISTOR CH 1/10W 0 1 |
| R239 | | M. RESISTOR CH 1/10W 3.3K | _! | | R660 | | M. RESISTOR CH 1/10W 0 1 |
| R240 | *************************************** | M. RESISTOR CH 1/10W 330 | 4 | | | | M. RESISTOR CH 1/10W 0 1 |
| R241 | The second secon | M. RESISTOR CH 1/10W 12K | -# | | | | M. RESISTOR CH 1/10W 0 1 |
| R242 | ERJ6GEYG332 | M. RESISTOR CH 1/10W 3.3K | 1 | | R668-71 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 4 |
| | | | | | | | |
| | L | | | | | | |

| Ref. | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
|---|---|--|--|--|---------------------------------|---------------------------------|---|---------------|------------|---|
| D070 7 | | | onPc | s Remarks | Ref. N | o. Part No. | Part Name & Descript | įρι | nPc | s Remarks |
| R672-7 | | | 9 | 4 | C4107 | ECEV1CV4700 | | 7U | | 1 Remarks |
| R676-8
R684-8 | | | 7 | 8 | C4141, | 12 ECUM1E104ZF | N C. CAPACITOR CH 25V 0.1 | | 1 | 21 |
| | | | | 4 | C4144, | 15 ECUM1E104ZF | N C. CAPACITOR CH 25V 0.1 | | | 2 |
| R690 | ERJ6GEYORO | | | 1 | C4146, | | E. CAPACITOR CH 16V 47 | | 13 | 2 |
| R691-9 | | | | 5 | C4201, 0 | 2 ECUM1E104ZF | | | 1 | 2 |
| R696, 9 | | |) : | 2 | C4203 | ECEVOJV1010 | | | 1 | |
| R700 | ERJ6GEY0R00 | | | | C4225 | ECUM1E104ZF | N C. CAPACITOR CH 25V 0.1 | | 1 | |
| R702-0 | | | | 3 | C4251, 5 | 2 ECUMIE104ZF | V C. CAPACITOR CH 25V 0.1 | | - | |
| R721 | ERJ6GEY0R00 | | 1 | | C4253 | ECEVOJV1010 | | | 1 | , |
| R723-26 | | | 4 | l . | C4275 | ECUM1E104ZFI | 100 | | +-; | |
| R728 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 1 | | C4301 | ECEV1CV4700 | | | ╽ : | |
| R803, 04 | | MLRESISTOR CH 1/10W 0 | 2 | | C4302 | ECUM1E104ZFI | | | ∤ ¦ | |
| R842 | ERJ6RED560 | M. RESISTOR CH 1/10W 56 | 1 | | C4303 | ECEVOJV1010 | | | ⊢ ¦ | |
| R843 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 1 | | C4304 | ECUM1E104ZFI | | | | |
| R847 | ERJ6GEYG332 | M.RESISTOR CH 1/10W 3.3K | 1 | | C4305 | ECEVICV1000 | F 01510151 | | | |
| R848 | ERJ6RED560 | M. RESISTOR CH 1/10W 56 | 1 | | C4306 | ECEV1CV2200 | | | | |
| R849 | ERJ6GEY0R00 | | 1 | | C4307 | ECUM1E104ZFN | E. CAPACITOR CH 16V 22L
C. CAPACITOR CH 25V 0.1L | | | |
| R894 | ERJ6GEYG560 | M. RESISTOR CH 1/10W 56 | 1 | | C4308 | ECEV1CV2200 | | | | |
| R898 | ERJ6GEYG332 | | 1 | | C4309 | ECUM1E104ZFN | E. CAPACITOR CH 16V 22U | | ! | |
| R899 | ERJ6GEYG560 | M. RESISTOR CH 1/10W 56 | 1 | | C4310 | | | ***** | - | |
| R900 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | C4311-13 | | | | 1 | |
| R920, 21 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | | C4311-13 | ECEVICVIDOQ | | | 3 | F |
| R923, 24 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | | C4314 | | E. CAPACITOR CH 16V 10U | -+ | 1 | |
| R928 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | C4315 | ECEVO NADIO | | | _1 | |
| R930 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | C4316
C4317, 18 | ECEVICATION | E. CAPACITOR CH6.3V 100U | | _1 | |
| R932 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | | | | E. CAPACITOR CH 16V 10U | | 2 | *************************************** |
| R933, 34 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | ······································ | C4319, 20 | | | ******* | 2 | |
| R941, 42 | | M. RESISTOR CH 1/10W 0 | 13 | | | | LLOI | - | 2 | |
| R948 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 1 | | C4323, 24 | | C. CAPACITOR CH 50V 0.01U | | 2 | |
| R949 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | + ; | *************************************** | C4325 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | \rightarrow | 1 | |
| R951 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 1 | | C4351
C4352 | ECEVICV4700 | E. CAPACITOR CH 16V 47U | | 1 | |
| R952-55 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | ******************************* | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 | 10"10.00 |
| R970 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | + ; | | C4353 | ECEVOJV1010 | E. CAPACITOR CH6. 3V 100U | _ | 1 | |
| R972 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | + ; | | C4354 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | [_ | 1 | |
| | | | 1-1 | | C4355 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | _ | 1 | |
| T821 | VLT0890 | TRANSFORMER | 11 | The second secon | C4356 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | | 1 | |
| T871 | VLT0890 | TRANSFORMER | +: | | C4357 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1 | |
| | | | + 7 | | C4358 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | | 1 | |
| TG1-G6 | VJR0646 | TEST POINT | 6 | | C4359 | | C. CAPACITOR CH 25V 0.1U | | 1 | |
| TG260 | VJR0646 | TEST POINT | 1 1 | | C4360 | | C. CAPACITOR CH 50V 0.01U | | 1 | |
| | | | + | | C4361-63 | | C. CAPACITOR CH 25V 0.1U | | 3 | |
| TP190, 91 | VJR0646 | TEST POINT | 2 | | C4364 | | E. CAPACITOR CH 16V 10U | Ĺ | 1 | |
| TP193, 94 | | TEST POINT | 1 2 | | C4365 | | C. CAPACITOR CH 25V 0.1U | L | 1 | |
| TP220-23 | | TEST POINT | 4 | | C4366 | | E. CAPACITOR CH6. 3V 100U | | 1 | |
| TP340-49 | | TEST POINT | 10 | | C4367, 68 | | E. CAPACITOR CH 16V 10U | L | 2 | |
| | | | 1 1 | | C4369, 70 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 1 | 2 | |
| X220 | VSX0967 | CRYSTAL OSCILLATOR | 1 | | C43/1, /2 | ECUM1H221JCN | C. CAPACITOR CH 50V 220P | 1 | 2 | |
| X221 | VSX0968 | CRYSTAL OSCILLATOR | + ;}- | | | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | | 2 | |
| X530 | VSX0519 | CRYSTAL OSCILLATOR | | | C4375 | ECUMTE104ZFN | C. CAPACITOR CH 25V 0.1U | 1_ | 1 | |
| X590 | VSX0519 | CRYSTAL OSCILLATOR | 1 | | | | P. CAPACITOR 16V 4700P | 1 | 1 | |
| | 1 | | | | | | C. CAPACITOR CH 25V 0.1U | | 2 | |
| | | MISCELLANEOUS | | (FAME | C4404 | | E. CAPACITOR CH 16V 10U | | 1 | |
| | | | | | | | C. CAPACITOR CH 25V 0.1U | L | 2 | N-000 Marin |
| | VML2143 | CARD PULLER | - | | | | CAPACITOR CH 16V 47U | 2 | 2 | |
| | | CARD PULLER | 1 | | | _ | C. CAPACITOR CH 50V 0.01U | 2 | 2 | |
| | | | | | | | CAPACITOR CH 16V 10U | 1 | 1 | |
| | | | | | | | C. CAPACITOR CH 50V 47P | 1 | 4 | |
| | | | | | | | CAPACITOR CH 50V 0.01U | 1 | 1 | |
| | | | | | | | .CAPACITOR CH 16V 10U | 2 | 2 | |
| | | | - | | | | .CAPACITOR CH 50V 27P | 1 | L | |
| ■ E9 | VEP84301C | F8 A AD/DA P.C.BOARD | 1/0 | TL) | | | .CAPACITOR CH 50V 0.01U | 1 | 1 | |
| | | | -1,0 | (b) | | | .CAPACITOR CH 16V 10U | 1 | 1 | |
| | | | | | | | .CAPACITOR 16V 220U | 2 | 1 | |
| C4001, 02 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | | | | . CAPACITOR CH 16V 22U | 1 | <u> </u> | |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | | | CAPACITOR CH 50V 0.01U | 1 | ļ | |
| | | E. CAPACITOR CH 16V 47U | -: - | | | | CAPACITOR CH 16V 22U | 1 | ļ | |
| 4006 | | C. CAPACITOR CH 25V 0.1U | -: - | | | | CAPACITOR CH 50V 0.01U | 1 | ļ | |
| 4007 | | E. CAPACITOR CH 16V 47U | ' - | | | | CAPACITOR CH 16V 22U | 2 | | |
| | | C. CAPACITOR CH 25V 0.1U | 2 | | | | CAPACITOR CH 50V 0.01U | 2 | | |
| | | | | | | | CAPACITOR CH 16V 47U | 2 | | |
| | | | 2 | | | | CAPACITOR 16V 4700P | 1 | | |
| 4044, 45 | [| | 4 | | | | CAPACITOR CH 16V 10U | 1 | | |
| 4044, 45
4046, 47 | • | | 2 | 1.1 | C4478, 79 E | CUMTH103KBN C. | CAPACITOR CH 50V 0.01U | 2 | | |
| 24044, 45
24046, 47
24101, 02 | ECUM1E104ZFN C | C. CAPACITOR CH 25V 0.1U | -:1 | | | | | - 41 | | |
| 24044, 45
24046, 47
24101, 02
24104 | ECUM1E104ZFN C | C. CAPACITOR CH 25V 0.1U | 1 | V A | C4480 E | | CAPACITOR CH 50V 27P | 1 | · | W |
| C4044, 45
C4046, 47
C4101, 02
C4104
C4105 | ECUM1E104ZFN C
ECUM1E104ZFN C
ECEV1CV4700 E | C. CAPACITOR CH 25V 0.1U
CAPACITOR CH 16V 47U | 1 | | C4480 E | CUM1H270JCN C.
CEV1CV1000 E. | CAPACITOR CH 50V 27P
CAPACITOR CH 16V 10U | 1 | | |
| 24044, 45
24046, 47
24101, 02
24104
24105 | ECUM1E104ZFN C
ECUM1E104ZFN C
ECEV1CV4700 E | C. CAPACITOR CH 25V 0.1U | 1 1 1 | | C4480 E | CUM1H270JCN C.
CEV1CV1000 E. | CAPACITOR CH 50V 27P | 1 1 | | |
| 4044, 45
4046, 47
4101, 02
4104
4105 | ECUM1E104ZFN C
ECUM1E104ZFN C
ECEV1CV4700 E | C. CAPACITOR CH 25V 0.1U
CAPACITOR CH 16V 47U | 1 1 1 | | C4480 E | CUM1H270JCN C.
CEV1CV1000 E. | CAPACITOR CH 50V 27P
CAPACITOR CH 16V 10U | 1 1 | | |

AJ-D940P

| p., c. M. | Part Na | Part Name & DescriptionPo | s Remarks | Ref. No. | Part No. | Part Name & Description | 1Pc | s Remarks |
|------------------------|------------------------------|---|------------|------------------------|-----------------------------|--|-----|---|
| Ref. No.
C4483 | Part No. | C. CAPACITOR CH 50V 0.01U | 1 NCHIAINS | C4765, 66 | ECUMIHIO3KBN | C. CAPACITOR CH 50V 0.01U | Ť | 2 |
| | ECEVICV1000 | E. CAPACITOR CH 16V 10U | 2 | C4767-70 | ECEV1CV1000 | E.CAPACITOR CH 16V 10U | | 4 |
| C4486 | | C. CAPACITOR CH 50V 0.01U | 1 | C4771,72 | | E. CAPACITOR 16V 220U | 1 | 2 |
| C4487 | ECEVICV1000 | E. CAPACITOR CH 16V 10U | 1 | C4773 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | + | 1 |
| | ECEVICV2200 | E. CAPACITOR 16V 220U
E. CAPACITOR CH 16V 22U | 2 | C4774
C4775,76 | ECEV1CV2200 | C. CAPACITOR CH 50V 0.01U
E. CAPACITOR CH 16V 22U | + | 2 |
| C4490, 91
C4492, 93 | ECEV1CV2200
ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 2 | C4777 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | † | 1 |
| | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | 2 | C4778 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | 1 | 1 |
| | | C. CAPACITOR CH 50V 0.01U | 2 | C4779, 80 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | | 2 |
| C4551 | ECHU1C472G | P. CAPACITOR 16V 4700P | 1 | C4831 | ECUM1H820JCN | C. CAPACITOR CH 50V 82P | | 1 |
| | | | 2 | C4832
C4833-35 | ECEV1CN100Q
ECUM1E104ZFN | E. CAPACITOR CH 16V 10U
C. CAPACITOR CH 25V 0.1U | + | 3 |
| C4554
C4555, 56 | ECEV1CN1000
ECUM1E104ZFN | | 2 | C4835-35
C4836, 37 | 4 | C. CAPACITOR CH 50V 0.01U | | 2 |
| C4557, 58 | ECEV1CV470Q | | 2 | C4838 | | C. CAPACITOR CH 50V 47P | | 1 |
| C4559, 60 | | | 2 | C4839 | | C. CAPACITOR CH 50V 0.01U | F | 1 |
| C4561 | . | E. CAPACITOR CH 16V 10U | 1 | C4840 | | C. CAPACITOR CH 50V 27P | - | 1 |
| C4562 | | C. CAPACITOR CH 50V 47P C. CAPACITOR CH 50V 0.01U | 1 | C4841
C4842-45 | ECEV1CV1000 | E. CAPACITOR CH 50V 0.01U | +- | 4 |
| C4563
C4564, 65 | ECEV1CV1000 | | 2 | C4846, 47 | ECEA1CGE221 | E. CAPACITOR 16V 220U | | 2 |
| C4566 | | C. CAPACITOR CH 50V 27P | 1 | C4848 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | | 1 |
| C4567 | k. 1419 | C. CAPACITOR CH 50V 0.01U | 1 | C4849 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 1 | |
| C4568 | EŒVICV1000 | E. CAPACITOR CH 16V 10U | 2 | C4850
C4851 | ECEV1CV2200
ECUM1H103KBN | C. CAPACITOR CH 16V 22U | - | 1 |
| C4569, 70
C4571 | ECEV1CV2200 | E. CAPACITOR 16V 220U
E. CAPACITOR CH 16V 22U | 1 | C4852,53 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | 1: | 2 |
| C4571 | | C. CAPACITOR CH 50V 0.01U | 1 | C4854, 55 | | C. CAPACITOR CH 50V 0.01U | | |
| C4573 | EŒV1CV2200 | E. CAPACITOR CH 16V 22U | 1 | C4901,02 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | |
| C4574 | | C. CAPACITOR CH 50V 0.01U | 1 | C4903, 04 | | C. CAPACITOR CH 50V 150P | 3 | 2 |
| C4575, 76 | ECEV1CV2200 | | 2 | C4905
C4906 | ECEVOJV101Q
ECUM1H103KBN | C. CAPACITOR CH6.3V 100U | + | 1 |
| C4577, 78
C4579, 80 | ECEV1CV4700 | O. Gra Motton Gir Got Train | 2 | C4907 | ECEVOJV1010 | E. CAPACITOR CH6.3V 100U | 1 | 1 |
| C4626 | ECHU1C472G | P. CAPACITOR 16V 4700P | 1 | C4908 | | C. CAPACITOR CH 50V 0.01U | 1 | 1 |
| C4627 | ECEV1CN100Q | E. CAPACITOR CH 16V 10U | 1 | C4931 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | |
| C4628, 29 | | | 2 | C4932 | | C. CAPACITOR CH 50V 0.01U | 1 | 4 |
| C4630 | ECEVICVIOOQ | C. CAPACITOR CH 50V 27P
E. CAPACITOR CH 16V 10U | 1 | C4933-36
C4937-39 | | C. CAPACITOR CH 50V 0.01U | + : | 3 |
| C4631
C4632 | | C. CAPACITOR CH 16V 100 | 1 | C4940 | | C. CAPACITOR CH 50V 0.01U | 1 | 1 |
| C4633 | | C. CAPACITOR CH 50V 0.01U | 1 | | | | | |
| C4634, 35 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 2 | D4401,02 | | DIODE | 13 | 2 |
| C4636 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 1 | D4476, 77
D4551, 52 | | D100E
D10DE | 1 2 | |
| C4637
C4638, 39 | EŒV1CV1000
EŒA1CŒ221 | E. CAPACITOR CH 16V 10U
E. CAPACITOR 16V 220U | 2 | D4531, 32
D4626, 27 | | DIODE | 1 2 | |
| C4640, 41 | EŒV1CV2200 | E. CAPACITOR CH 16V 22U | | D4751 | MA157 | DIODE | 1 | |
| C4642, 43 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 2 | D4752,53 | | DIODE | 2 | |
| C4644, 45 | EŒV1CV2200 | E. CAPACITOR CH 16V 22U | | | MA157 | D100E | 2 | 2 |
| C4646, 47
C4701-04 | ECUM1H103KBN
ECUM1E104ZFN | C. CAPACITOR CH 50V 0.01U
C. CAPACITOR CH 25V 0.1U | 4 | D4831,32 | MA157 | D W.L. | | |
| C470104 | EŒV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | FL4931 | VLF0941C223 | FILTER | 1 | |
| C4706-10 | | C. CAPACITOR CH 25V 0.1U | 5 | | | | | |
| C4711 | | E. CAPACITOR CH6.3V 100U | | 1C4003 | NJM79L09UA | IC | 1 | |
| | | | 4 | IC4004
IC4043 | NJM78L09UA
NJM78L09UA | IC
IC | | 100000000000000000000000000000000000000 |
| C4715-18
C4720 | EŒV1CV4700
EŒV1CV2200 | E. CAPACITOR CH 16V 47U E. CAPACITOR CH 16V 22U | | 1C4043 | NJM78L09UA | 16 | | |
| C4720 | | C. CAPACITOR CH 25V 0.1U | | IC4103 | NJM79L09UA | IC | 1 | |
| C4722 | EŒV1CV2200 | E. CAPACITOR CH 16V 22U | | IC4104 | NJM78L09UA | IC | 1 | |
| C4723, 24 | | C. CAPACITOR CH 25V 0.1U | 2 | IC4143 | NJM78L09UA | IC | 1 | |
| C4725 | EŒV1CV100Q | E. CAPACITOR CH 16V 10U
C. CAPACITOR CH 25V 0.1U | | IC4144
IC4201 | NJM79L09UA
MC74HC541AF | IC
 IC | | |
| C4726
C4727 | ECUM1E104ZFN
ECUM1H103KBN | C. CAPACITOR CH 25V 0.1U C. CAPACITOR CH 50V 0.01U | | 1C4201 | NJM78L05UA | IC IC | 1 | |
| C4727 | | E. CAPACITOR CH6. 3V 100U | | IC4251 | MC74HC541AF | IC | 1 | |
| C4729, 30 | EŒV1CN1000 | E. CAPACITOR CH 16V 10U | | 1C4252 | NJM78L05UA | IC | 1 | |
| | | C. CAPACITOR CH 50V 220P | | 104301 | NJM78L05UA | 10 | ! | |
| C4733~36 | | C. CAPACITOR CH 50V 0.01U P. CAPACITOR 16V 4700P |). | 1C4302
1C4303.04 | AK4320VM
NJM4580ED | 10 | 2 | |
| C4737, 38
C4739, 40 | | P. CAPACITOR 16V 4700P :
E. CAPACITOR CH 16V 10U : | | 1C4305 | MC74HC157AF | 10 | 1 | |
| C4745 | | C. CAPACITOR CH 50V 100P | | 1C4306 | TC7W74F | IC | ī | |
| C4751 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | IC4307,08 | | IC | 2 | |
| C4752 | <u> </u> | E. CAPACITOR CH 16V 22U | | IC4351 | NJM78L05UA | IC | ! | , , |
| C4754, 55 | | E. CAPACITOR CH 16V 47U :
C. CAPACITOR CH 50V 82P | | 1C4352 | AK4320VM
NJM4580ED | 16 | 2 | 4 |
| C4756
C4757 | | C. CAPACITOR CH 25V 0.1U | | 1C4355 | MC74HC157AF | IC | 1 | |
| C4758 | | E. CAPACITOR CH 16V 10U | | IC4356 | TC7W74F | IC | 1 | |
| C4759,60 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | | 1C4357, 58 | | IC | 2 | |
| C4761, 62 | | C. CAPACITOR CH 50V 0.01U | | IC4401
IC4402 | NJM4580ED | IC | 1 | |
| C4763
C4764 | | C. CAPACITOR CH 50V 27P C. CAPACITOR CH 50V 47P | | 1C4402
1C4403 | NJM79L05UA
NJM78L05UA | IC IC | ' | |
| V4/04 | EMMIN4/UJCN | C. ON MOTTON ON JUST 471 | | | | | ļ | |
| | | | | | | | | |
| | | | | | | | | |

| | o. Part No | o. Part Name & Descript | ioni | cs Remarks | D. £ 1 | 6 D | D . N | \top | |
|-------------------------|---------------|---|--|--|-------------|---------------|--|--|--|
| 1C4404 | | IC IC | 10111 | 1 ACMAINS | Ref. N | | Trans & Deder Ipt It | nPcs | Remarks |
| IC4405 | NJM2043MD | IC | ··················· | 1 | 04556 | 2SB710A-R | TRANSISTOR | 1 | |
| IC4406 | MC14052BF | IC | | | 04557 | 2SD602A-R | TRANSISTOR | [1] | |
| IC4407. | , 08 AQV212SX | lic | | | 04626 | 2SD1328 | TRANSISTOR | 11 | |
| | 77 NJM4580ED | lic | | 2 | 04627 | 2SB1322A-R | TRANSISTOR | 1 | |
| IC4478 | | IC | | 2 | 04628 | 2SD1994A-R | TRANSISTOR | 171 | |
| IC4479 | MC14052BF | | | 1 | 04629 | 2SB1322A-R | TRANSISTOR | 1 1 | |
| | 81 A0V212SX | IC . | | 1 | 04630 | 2SD1994A-R | TRANSISTOR | 1 1 | |
| | | IC | | 2 | 04631 | 2SB710A-R | TRANSISTOR | +-; | |
| IC4551 | NJM4580ED | IC | | 1 | Q4632 | 2SD602A-R | TRANSISTOR | +:- | W. M |
| 1C4552 | NJM79L05UA | 1C | | 1 | 04701,0 | | TRANSISTOR | 1-11- | |
| IC4553 | NJM78L05UA | 1C | | 1 | 04703,0 | | | 2 | |
| IC4554 | NJM4580ED | 1C | | 1 | 04751-5 | | TRANSISTOR | 2 | |
| 1C4555 | NJM2043MD | IC | | 11 | 04755 | | TRANSISTOR | 4 | |
| 1C4556 | MC14052BF | IC | | 1 | | 2SD1994A-R | TRANSISTOR | 1 1 | |
| IC4557, | 58 AQV212SX | IC | | | 04756 | 2SB1322A-R | TRANSISTOR |] 1] | |
| | 27 NJM4580ED | IC | | | 04757 | 2SD1994A-R | TRANSISTOR | 1 | |
| 104628 | NJM2043MD | IC | | | 04758 | 2SB1322A-R | TRANSISTOR | 1 1 | 1793 745-150-150-170-170-170-170-170-170-170-170-170-17 |
| IC4629 | MC14052BF | ic | \dashv | | 04759 | 2SD602A-R | TRANSISTOR | 1 11 | |
| | 31 AQV212SX | | | | Q4760 | 2SB710A-R | TRANSISTOR | 1 1 | |
| IC4701 | | IC IC | - - | | 04831 | 2SD1994A-R | TRANSISTOR | | |
| | NJM78L05UA | IC | | | 04832 | 2SB1322A-R | TRANSISTOR | + | **** |
| 104702 | AK4320VM | IC | _ [1 | | 04833 | 2SD1994A-R | TRANSISTOR | | |
| | 04 NJM4580ED | IC | 2 | | 04834 | 2SB1322A-R | TRANSISTOR | | |
| 1C4707 | NJM78L09UA | IC | 1 | | Q4835 | 2SD602A-R | | ! | |
| | 09 NJM79L09UA | IC | 2 | A COLUMN TO THE PARTY OF THE PA | Q4836 | | TRANSISTOR | 1 | |
| IC4710 | NJM78L09UA | IC | 1 | | 04901-04 | 2SB710A-R | TRANSISTOR | 1 | |
| IC4711 | MC74HC541AF | IC | | | U4901-04 | 2SD1328 | TRANSISTOR | 4 | |
| IC4712,1 | 3 TC4W53F | IC | +; | Management of the second secon | 1 | | | | |
| | 2 NJM4580ED | IC | 1 2 | | 0R4301 | UN2213 | TRANSISTOR-RESISTOR | 1 | Constitution of the Consti |
| IC4753 | NJM2043MD | IC | | | QR4302 | UN2113 | TRANSISTOR-RESISTOR | 1 | |
| 1C4754 | AD7945BR | IC | 1 | | QR4303 | UN2213 | TRANSISTOR-RESISTOR | 1 | |
| 1C4755 | MC14053BF | | 1 | | QR4351 | UN2213 | TRANSISTOR-RESISTOR | 1 | |
| 1C4756 | | IC | _ 1 | | QR4401 | UN2213 | TRANSISTOR-RESISTOR | | |
| | MC14052BF | IC | 1 | | QR4402 | UN2113 | TRANSISTOR-RESISTOR | | |
| | 8 AQV212SX | IC | 2 | | 0R4476 | UN2213 | TRANSISTOR-RESISTOR | | |
| | 2 NJM4580ED | IC | 2 | | 0R4477 | UN2113 | TRANSISTOR-RESISTOR | | |
| IC4833 | NJM2043MD | IC | 1 | | QR4551 | UN2213 | | 1 | |
| 1C4834 | AD7945BR | IC | 1 | | QR4552 | UN2113 | TRANSISTOR-RESISTOR | -1 | and the second s |
| IC4835 | MC14053BF | IC | 1 | | 0R4626 | UN2213 | TRANSISTOR-RESISTOR | . 1 | Name of the last o |
| IC4836 | MC14052BF | IC | 1 | | | | TRANSISTOR-RESISTOR | 1 | |
| IC4837, 38 | AQV212SX | IC | 2 | | 0R4627 | UN2113 | TRANSISTOR-RESISTOR | 1 | |
| IC4901 | NJM4556AM | lic | 1 | | 0R4701-03 | | TRANSISTOR-RESISTOR | 3 | |
| IC4931, 32 | SN74S1051NS | IC | 1 2 | | QR4704,05 | | TRANSISTOR-RESISTOR | 2 | |
| IC4933 | 74F245SJ | IC | : | | 0R4751,52 | UN2213 | TRANSISTOR-RESISTOR | 2 | THE PARTY OF THE P |
| IC4934 | 74F541SJ | IC | +# | | | | | | 40 |
| 1C4935 | 74AC139SJ | 116 | 11 | | R4231 | VL00576 | COIL | 1 | |
| 1C4936 | 74F11SJ | IIC | 14 | | R4232 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | |
| IC4937 | | | 11 | | R4281 | | COIL | 1- | |
| | TC7S04F | lc . | 11 | | R4282 | | M. RESISTOR CH 1/10W 0 | | |
| C4938-40 | UP071055GB | IC | 3 | | R4301 | | 1 DEALATE | | |
| | | | | | R4302 | | 1 DECLESION OF THE PROPERTY OF | | |
| | VL00163J100 | COIL 10UH | 1 | | | | | 1 | |
| *********************** | VL00163J100 | COIL TOUH | 1 | | | | A. RESISTOR CH 1/10W 0 | 1 | |
| 1701 | VL00163J100 | COIL 10UH | 11 | Hele | | | | 3 | |
| | | | | | | | I.RESISTOR CH 1/10W 0 | 1 | |
| 4001,02 | VJP3454B096 | CONNECTOR (MALE) | 2 | | | | LRESISTOR CH 1/10W 47K | 4 | holds as accept topology to read the control to conseque |
| | | \— \— \— \— \— \ | | | | | LRESISTOR CH 1/10W 4.7K | 1 | |
| 4301,02 | 2SK198-R | TRANSISTOR | - | | _ | RJ6GEYF472 M | RESISTOR CH 1/10W 4.7K | 3 | 78. |
| | 2SK198-R | TRANSISTOR | 2 | | | | RESISTOR CH 1/10W 27K | 2 | |
| | 2SD1328 | | 2 | | R4321 | | RESISTOR CH 1/10W 390 | it | |
| | | TRANSISTOR | 1 | | R4322 E | | RESISTOR CH 1/10W 2.2K | | |
| | 2SB1322A-R | TRANSISTOR | 1 | | R4323 E | | RESISTOR CH 1/10W 10K | t | ***** |
| | 2SD1994A-R | TRANSISTOR | 1 | | | | RESISTOR CH 1/10W 390 1 | | |
| | 2SB1322A-R | TRANSISTOR | 1 | | | | 05010505 | | |
| | | TRANSISTOR | 1 | | | | | ! | |
| | | TRANSISTOR | 1 | | | | RESISTOR CH 1/10W 10K 1 | | |
| | | TRANSISTOR | 1 | | | | RESISTOR CH 1/10W 6.8K 1 | ļ | |
| | 2SD1328 | TRANSISTOR | 1 | | | | RESISTOR CH 1/10W 3.9K 1 | | |
| 77 2 | | TRANSISTOR | 1 | | | RJ6RBD561 M. | RESISTOR CH 1/10W 560 1 | | |
| 78 2 | | FRANSISTOR | il- | | | RJ6GEYG105 M. | RESISTOR CH 1/10W 1M 1 | 1 | |
| | | FRANSISTOR | -;} | | | RJ6RBD682 M. | RESISTOR CH 1/10W 6.8K 1 | | |
| | | TRANSISTOR | -;}- | | | NJ6RBD392 M. | RESISTOR CH 1/10W 3.9K 1 | | The formation of the contract |
| | | | | | | | RESISTOR CH 1/10W 560 1 | | |
| | | TRANSISTOR | 4_ | | R4334 EF | | RESISTOR CH 1/10W 1M 1 | | |
| | | RANSISTOR | 1 | | | | RESISTOR CH 1/10W 10K 2 | | |
| | | RANSISTOR | 1 | | | | | | |
| | | RANSISTOR | 1 | | | | TO LOTAD + | | *************************************** |
| | | RANSISTOR | 1 | | | | | | |
| | SB1322A-R T | RANSISTOR | 1 | | | | RESISTOR CH 1/10W 47K 1 | | |
| 5 29 | SD1994A-R T | RANSISTOR | 1 | | | | RESISTOR CH 1/10W 0 1 | | |
| | | | | | R4354-56 ER | J6GEYF473 M.F | RESISTOR CH 1/10W 47K 3 | | |
| | | | | | 1 ' | | | | |
| | | *************************************** | | | | | | | |

| | | | | | | | , | |
|-----------|-------------|--|--|-----------|-------------|---------------------------|--|--|
| Ref.No. | Part No. | Part Name & DescriptionPcs | Remarks | Ref. No. | Part No. | Part Name & Description | Pes | Remarks |
| R4357 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 | | R4486 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| R4358-61 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K 4 | | R4487 | ERJ6RBD301 | M. RESISTOR CH 1/10W 300 | 1 | |
| | | | | R4488 | ERJ6RBD272 | M. RESISTOR CH 1/10W 2.7K | 1 | |
| R4364 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 1 | | R4489 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | + ; | |
| R4366-68 | ERJ6GEYF472 | | | | ERJ6RBD123 | M. RESISTOR CH 1/10W 12K | + ; | |
| R4369,70 | ERJ6GEYG273 | M. RESISTOR CH 1/10W 27K 2 | , | R4490 | | | <u> </u> | |
| R4371 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 1 | | R4491 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | + : | |
| R4372 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K 1 | | R4492 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | | |
| R4373 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K 1 | | R4493 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | 1. | |
| R4374 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 1 | | R4494 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | 1 | |
| R4375 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K 1 | | R4495 | ERJ6RBD682 | M.RESISTOR CH 1/10W 6.8K | 1 | |
| R4376 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K 1 | | R4496-99 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 4 | |
| R4377 | ERJ6RBD682 | M. RESISTOR CH 1/10W 6.8K 1 | | R4500 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | 1 | A STATE OF THE STA |
| R4378 | ERJ6RBD392 | M. RESISTOR CH 1/10W 3.9K 1 | | R4501 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | *** |
| R4379 | ERJ6RBD561 | M. RESISTOR CH 1/10W 560 1 | | R4502 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | 1 | |
| | | | | R4503 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 | |
| R4380 | ERJ6GEYG105 | | | R4504, 05 | ERJ6RB0153 | M. RESISTOR CH 1/10W 15K | 2 | |
| R4381 | ERJ6RB0682 | M. RESISTOR CH 1/10W 6.8K 1 | | | | | 1 | |
| R4382 | ERJ6RBD392 | M. RESISTOR CH 1/10W 3.9K 1 | | R4506 | ERJ6RED150 | | ' | |
| R4383 | ERJ6RBD561 | M.RESISTOR CH 1/10W 560 1 | | R4507 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | 1 ! | |
| R4384 | ERJ6GEYG105 | M.RESISTOR CH 1/10W 1M 1 | | R4509 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | |
| R4385, 86 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 2 | | R4510 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 | |
| R4401 | ERJ6GEYG104 | M.RESISTOR CH 1/10W 100K 1 | | R4511 | ERJ6GEYG562 | M.RESISTOR CH 1/10W 5.6K | 1 | |
| R4402 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | | R4512 | ERJ6RBD153 | M.RESISTOR CH 1/10W 15K | 1 | |
| R4403 | ERJ6RBD223 | M. RESISTOR CH 1/10W 22K 1 | ************************************** | R4513 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | |
| R4404 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K 1 | | R4514, 15 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | 2 | ************************************** |
| R4405 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K 1 | | R4516 | ERJ14YJ220 | M. RESISTOR CH 1/4W 22 | 1 | |
| | | | | R4517, 18 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | , | |
| R4406 | ERJ6GEYG105 | | | | | M. RESISTOR CH 1/4W 22 | 1 | |
| R4407 | ERJ6GEYG683 | M. RESISTOR CH 1/10W 68K 1 | | R4519 | ERJ14YJ220 | | 2 | |
| R4408 | ERJ6RBD123 | M. RESISTOR CH 1/10W 12K 1 | | R4520, 21 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | |
| R4409 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 1 | | R4522, 23 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 2 | <u> </u> |
| R4410 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 1 | | R4524 | ERJ6GEYF561 | M. RESISTOR CH 1/10W 560 | 1 | |
| R4411 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K 1 | | R4525 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| R4412 | ERJ6RBD301 | M.RESISTOR CH 1/10W 300 1 | J | R4526 | ERJ6GEYF561 | M. RESISTOR CH 1/10W 560 | 1 | |
| R4413 | ERJ6RBD272 | M. RESISTOR CH 1/10W 2.7K 1 | | R4527 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| R4414 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K 1 | | R4528 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | 1 | |
| R4415 | ERJ6RBD123 | M. RESISTOR CH 1/10W 12K 1 | | R4529 | ERJ6RBD301 | M. RESISTOR CH 1/10W 300 | 1 | |
| R4416 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K 1 | | R4530 | ERJ6RBD512 | M. RESISTOR CH 1/10W 5.1K | 1 | |
| R4417 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K 1 | | R4531 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 1 | |
| R4418 | ERJ6GEYG563 | M.RESISTOR CH 1/10W 56K 1 | | R4551 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | |
| R4419 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K 1 | | R4552 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| R4420 | ERJ6RBD682 | M. RESISTOR CH 1/10W 6.8K 1 | | R4553 | ERJ6RBD223 | M. RESISTOR CH 1/10W 22K | 1 | |
| | | | | R4554 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K | - | 30.300 A. A. A. A. A. A. A. A. A. A. A. A. A. |
| R4421-24 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K 4 | | | | | ; | |
| R4425 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K 1 | | R4555 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | | |
| R4426 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M 1 | | R4556 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | ! | |
| R4427 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 1 | | R4557 | ERJ6GEYG683 | M. RESISTOR CH 1/10W 68K | | |
| R4428, 29 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K 2 | | R4558 | ERJ6RBD123 | M.RESISTOR CH 1/10W 12K | 1 | |
| R4430 | ERJ6RED150 | M. RESISTOR CH 1/10W 15 1 | | R4559 | ERJ6GEYF472 | M.RESISTOR CH 1/10W 4.7K | 1 | MANAGEMAN AND AND AND AND AND AND AND AND AND A |
| R4431 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K 1 | | R4560 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 1 | |
| R4433 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K 1 | | R4561 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | |
| R4434 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M 1 | | R4562 | ERJ6RBD301 | M.RESISTOR CH 1/10W 300 | 1 | |
| R4435 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 1 | | R4563 | ERJ6RBD272 | M. RESISTOR CH 1/10W 2.7K | 1 | |
| R4436 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K 1 | | R4564 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 1 | |
| R4437, 38 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K 2 | | R4565 | ERJ6RBD123 | M. RESISTOR CH 1/10W 12K | 1 | |
| | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 2 | | R4566 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | 1 | |
| R4441 | ERJ14YJ220 | M. RESISTOR CH 1/4W 22 1 | TO THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRES | R4567 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | 1 | |
| | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 2 | | R4568 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | ; | |
| | | | | R4569 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | - ; | |
| R4444 | ERJ14YJ220 | | | | | | - ;; | |
| | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 2 | | R4570 | ERJ6RBD682 | M. RESISTOR CH 1/10W 6.8K | -: | |
| | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 2 | | | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 4 | |
| R4449 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | | R4575 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | -1 | |
| R4450, 51 | ERJ6GEYF561 | M. RESISTOR CH 1/10W 560 2 | | R4576 | ERJ6GEYG105 | M.RESISTOR CH 1/10W 1M | 1 | and the second of the second o |
| R4452 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K 1 | | R4577 | ERJ6GEYJ100 | MLRESISTOR CH 1/10W 10 | 1 | THE RESERVE OF THE PROPERTY OF |
| R4453 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 1 | | R4578, 79 | ERJ6RBD153 | MI.RESISTOR CH 1/10W 15K | 2 | |
| R4454 | ERJ6RBD301 | M. RESISTOR CH 1/10W 300 1 | | R4580 | ERJ6RED150 | M.RESISTOR CH 1/10W 15 | 1 | |
| R4455 | ERJ6RBD512 | M. RESISTOR CH 1/10W 5.1K 1 | The state of the s | R4581 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | 1 | |
| R4456 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K 1 | | R4583 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | |
| R4476 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K 1 | | | | M. RESISTOR CH 1/10W 1M | 1 | |
| R4477 | ERJ6RBD223 | M. RESISTOR CH 1/10W 22K 1 | y,-,,- | | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 | |
| R4478 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K 1 | | | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | il | |
| R4479 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | - ;} | |
| | ERJ6GEYG683 | M. RESISTOR CH 1/10W 68K 1 | | | , | | -{ | |
| R4480 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | | | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | -{ | |
| R4481 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K 1 | | | | M. RESISTOR CH 1/4W 22 | _ ! | |
| R4482 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M 1 | | | | M. RESISTOR CH 1/4W 10 | 2 | |
| R4483 | ERJ6RBD123 | M.RESISTOR CH 1/10W 12K 1 | | R4594 | | M.RESISTOR CH 1/4W 22 | 1 | |
| R4484 | ERJ6GEYF472 | M.RESISTOR CH 1/10W 4.7K 1 | | | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 2 | |
| R4485 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K 1 | | R4597, 98 | ERJ6GEYG102 | M.RESISTOR CH 1/10W 1K | 2 | |
| | | | | | | | İ | |
| | | | | | | | 1 | |
| | | | | | | | | |

| Ref.No. | Part No. | Part Name & Descriptio | nPc: | Remarks | Ref. N | o. Part N | o. Part Name & D | 000=1=1 | : | Day D |
|--------------------|----------------------------|--|-----------|---|----------------|----------------------------|--|---|-----|--|
| R4599
R4600, 01 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | | R4733 | ERJ6RBD10: | 2 M. RESISTOR CH 1/ | | 10D | Pcs Remarks |
| R4600, 01 | ERJ6GEYF561
ERJ6GEYG103 | | 2 | | R4734 | ERJ6GEYG1 | | | M | *************************************** |
| R4603 | ERJ6GEY0R00 | | 1: | | R4735 | ERJ6RBD12 | | | | 1 |
| R4604 | ERJ6RBD301 | M. RESISTOR CH 1/10W 0 M. RESISTOR CH 1/10W 300 | ┼ | | R4736 | ERJ6GEYF4 | | 10W 4.7 | | 1 |
| R4605 | ERJ6RBD512 | M. RESISTOR CH 1/10W 5.1K | ┤; | | R4737 | ERJ6GEYG10 | | | K | 1 |
| R4606 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | + ; | | R4738 | ERJ6GEYF47 | | | K | 1 |
| R4626 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | | R4739 | ERJ6GEYG10 | | | | _ 1 |
| R4627 | ERJ6RBD223 | M. RESISTOR CH 1/10W 22K | 1 | | R4740, 4 | ERJ6GEYG10 | | | | 2 |
| R4628 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K | 1 | | R4743 | ERJ6RBD222 | | | | 1 |
| R4629 | ERJ6GEYG683 | M. RESISTOR CH 1/10W 68K | 1 | | R4744 | ERJ6RBD103 | | | | 1 |
| R4630 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | | R4745 | ERJ6RBD391 | | | | 1 |
| R4631
R4632 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | 1 | | R4746 | ERJ6RBD222 | | | | 1 |
| R4633 | ERJ6GEYG105
ERJ6RBD123 | M. RESISTOR CH 1/10W 1M | 1 | | R4747 | ERJ6RBD103 | | | | 1 |
| R4634 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 12K M. RESISTOR CH 1/10W 4.7K | | | R4751 | ERJ6GEYG10 | 4 M. RESISTOR CH 1/1 | OW 100 | | 1 |
| R4635 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 4.7K M. RESISTOR CH 1/10W 1K | 1 !! | | R4752 | ERJ6GEYF33 | | | | 1 |
| R4636 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 ; | | R4753 | ERJ6GEYG10 | | | | 1; |
| R4637 | ERJ6RBD301 | M. RESISTOR CH 1/10W 300 | 1 | | R4754 | ERJ6GEYF47: | | | | 1 |
| R4638 | ERJ6RBD272 | M. RESISTOR CH 1/10W 2.7K | 1 | | R4755
R4756 | ERJ6GEYG10: | | | | 1 |
| | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 1 il | | R4757, 58 | ERJ6GEYG222
ERJ6GEYF473 | | | | 1 |
| | ERJ6RBD123 | M. RESISTOR CH 1/10W 12K | [] | THE RESERVE TO SERVE THE PARTY OF THE PARTY | R4759 | ERJ6GEYG105 | | | | 2 |
| | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K | 1 | | R4760 | ERJ6GEYG104 | | | | 1 |
| | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | 1 | | R4761 | ERJ6GEYG103 | | | | 1 |
| | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | | | R4762 | ERJ6GEYF473 | | | | 1 |
| | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | 1 | | R4763 | ERJ6GEYG104 | | | | 1 |
| | ERJ6RBD682
ERJ6RBD472 | M. RESISTOR CH 1/10W 6.8K | 1 | | R4764 | ERJ6GEY0R00 | | | | 1 |
| | ERJ6GEYG105 | M. RESISTOR CH 1/10W 4.7K | 4 | | R4765 | ERJ6RBD102 | M. RESISTOR CH 1/10 | | | 1 |
| | ERJ6GEYG562 | M. RESISTOR CH 1/10W 1M M. RESISTOR CH 1/10W 5.6K | - | | R4766 | ERJ6GEYG392 | M. RESISTOR CH 1/10 | | 1 | 1 |
| | ERJ6GEYG105 | M. RESISTOR CH 1/10W 5.6K | - 1 | | R4767 | ERJ6RED220 | M. RESISTOR CH 1/10 | | | 1 |
| | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | -: | | R4768 | ERJ6GEYG103 | | | | 1 |
| | ERJ6RB0153 | M. RESISTOR CH 1/10W 15K | 2 | | R4769
R4770 | ERJ6R8D301 | M. RESISTOR CH 1/10 | | 1 | 1 |
| | ERJ6RED150 | M. RESISTOR CH 1/10W 15 | 1 | | R4770 | ERJ6RBD272
ERJ6RBD472 | M. RESISTOR CH 1/10 | | - | 1 |
| | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | 1 | | R4772 | ERJ6RBD123 | M. RESISTOR CH 1/10 | | - | 1 |
| | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | | R4773 | ERJ6RBD102 | M. RESISTOR CH 1/10 M. RESISTOR CH 1/10 | | | 1 |
| | RJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 | | R4774 | ERJ6RBD103 | M. RESISTOR CH 1/10 | | | 1 |
| | RJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | | R4775-77 | ERJ6GEY0R00 | M. RESISTOR CH 1/10 | | | |
| | RJ6RBD153 | M. RESISTOR CH 1/10W 15K | 1 | | R4778 | ERJ6GEYG563 | M. RESISTOR CH 1/10 | | + | |
| | RJ6GEYG562
RJ14YJ100 | M. RESISTOR CH 1/10W 5.6K | | | R4779 | ERJ6RBD183 | M. RESISTOR CH 1/10 | | 1 | |
| | | M. RESISTOR CH 1/4W 10 M. RESISTOR CH 1/4W 22 | - 2 | | R4780 | ERJ6GEYF472 | M. RESISTOR CH 1/10 | | 1 | |
| | | M. RESISTOR CH 1/4W 10 | 2 | | R4781-84 | ERJ6RBD472 | M. RESISTOR CH 1/10 | | 4 | |
| | | M. RESISTOR CH 1/4W 22 | 1 | | R4785
R4786 | ERJ6GEYG105 | M. RESISTOR CH 1/10 | *************************************** | 1 | |
| 34670,71 E | | M. RESISTOR CH 1/10W 10K | 2 | | R4787 | ERJ6GEYJ100
ERJ6GEYG105 | M. RESISTOR CH 1/10V | | 1 | |
| | | M.RESISTOR CH 1/10W 1K | 2 | | R4788-90 | ERJ6RBD153 | M.RESISTOR CH 1/10M | *********************** | +: | |
| | | M.RESISTOR CH 1/10W 560 | 1 | | R4791 | ERJ6RED150 | M. RESISTOR CH 1/10W | | 3 | |
| | | M. RESISTOR CH 1/10W 10K | 1 | | R4793 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W | | 1 | |
| | | M. RESISTOR CH 1/10W 560 | 1 | | R4794 | ERJ6RBD153 | M. RESISTOR CH 1/10W | | 1 | |
| | | M. RESISTOR CH 1/10W 10K | 4 | | | ERJ6GEYG562 | M. RESISTOR CH 1/10W | 5. 6K | 1 | |
| | | M.RESISTOR CH 1/10W 0 M.RESISTOR CH 1/10W 300 | - 1 | | | ERJ14YJ100 | M. RESISTOR CH 1/4W | 10 | 2 | AP A CONTRACTOR OF THE CONTRAC |
| | | M. RESISTOR CH 1/10W 300 M. RESISTOR CH 1/10W 5.1K | 1 | | | ERJ6GEYG562 | M. RESISTOR CH 1/10W | 5.6K | 2 | *************************************** |
| | | | <u>- </u> | | | ERJ14YJ100 | M. RESISTOR CH 1/4W | 10 | 2 | |
| | | | 2 | | | ERJ6GEYG562 | M. RESISTOR CH 1/10W | | 1 | |
| 4703,04 ER | | | 2 | | | ERJ14YJ220
ERJ6GEYG103 | M. RESISTOR CH 1/4W | 22 | 2 | |
| | NJ6GEYF473 | | 6 | | | ERJ6GEYG103 | M. RESISTOR CH 1/10W
M. RESISTOR CH 1/10W | 10K | 2 | |
| | NGGEYF393 | I.RESISTOR CH 1/10W 39K | 1 | | | | M. RESISTOR CH 1/10W | 1K | 2 | |
| | | I.RESISTOR CH 1/10W 4.7K | 1 | | | RJ6GEYG103 | M. RESISTOR CH 1/10W | 560
10K | 2 | |
| | | | 1 | | | | M. RESISTOR CH 1/10W | 0 | | |
| | | I.RESISTOR CH 1/10W 4.7K | 1 | R | | | M.RESISTOR CH 1/10W | 300 | il | |
| | | | 2 | | | RJ6RBD512 | M. RESISTOR CH 1/10W | 5.1K | 1 | |
| | | | 1 | | | RJ6RBD472 | M. RESISTOR CH 1/10W | 4.7K | 1 | |
| | | RESISTOR CH 1/10W 68K 1 | 1 | | | | M. RESISTOR CH 1/10W | 1K | 1 | |
| | | . RESISTOR CH 1/10W 100K 1 | '
1 | *************************************** | | | M. RESISTOR CH 1/10W | 3.9K | 1 | |
| | | RESISTOR CH 1/10W 10K 1 | : | | | | M. RESISTOR CH 1/10W | 22 | 1 | |
| | | RESISTOR CH 1/10W 68K 1 | il | | | | M. RESISTOR CH 1/10W | 10K | 1 | |
| 26 ER. | | RESISTOR CH 1/10W 22K 1 | it - | | | | M. RESISTOR CH 1/10W | 2.7K | 1 | |
| | | RESISTOR CH 1/10W 2.2K 1 | 1 | | | | M. RESISTOR CH 1/10W | 300 | 1 | |
| | | RESISTOR CH 1/10W 1K 1 | 1 | | | | M.RESISTOR CH 1/10W
M.RESISTOR CH 1/10W | 0 | 3 | |
| | J6GEYG105 M. | RESISTOR CH 1/10W .1M 1 | 1 | | | | M.RESISTOR CH 1/10W | 4.7K | -; | |
| ************ | | RESISTOR CH 1/10W 12K 1 | | | | | M. RESISTOR CH 1/10W | 12K | + | |
| | | RESISTOR CH 1/10W 22K 1 | | | | | M. RESISTOR CH 1/10W | 10K | + | |
| 32 ERJ | I6RBD222 M. | RESISTOR CH 1/10W 2.2K 1 | | | | | I. RESISTOR CH 1/10W | 56K | + | |
| 1 | 1 | | I | / Management (1997) | | | 1/ 1VA | n | '1 | |

| MARCH MARCH March Marc | D. C. N. | Don't No | Part Nama & Deparintion | b _c , | Romarke | Ref. No. | Part No. | Part Name & Description | þ, | s Remarks |
|--|-----------|---------------|---------------------------|------------------|--|---------------------------------------|---|---|----------------|--|
| MARCH MARC | Ref. No. | Part No. | Part Name & Description | 1 1 | Remarks | Rel. No. | rait No. | Tart Maile & Description | | Nemarks |
| March 1.00 Mar | | | | ; | | | | | 1 | |
| March Control Contro | | | | 4 | | | - | | 1 | |
| BANKER 1907 | | | · | 1 2 | | | | | ********** | |
| March Marc | | | | 1 | | | | | İ | |
| BARRETON MARCHESTON MARCHESTON 17 10 10 10 10 10 10 10 | | | | 3 | | ■ E10 | VEP84302B | H1 CUE P.C.BOARD | 1 | (RTL) |
| PARTICULAR PAR | | | | 1 | | | | | | |
| MARCH MARC | | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 | | | | | | |
| MARCO MARC | R4860 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | 1 | | C4008 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | |
| Memory M | R4861 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 | | C4009 | ECEV1CV2200 | | 1 | |
| Part | R4862, 63 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | 2 | | C4010 | | | 1 | |
| REMIRE REMIRES PROPERTY RESISTED OF 1/10F 100 2 2 100 | R4864, 65 | | M. RESISTOR CH 1/10W 5.6K | 2 | | | | | 1- | |
| March 17.2 Marc | | | | 2 | | | | | ļ | |
| MAPT PART | | | | 1 | | | | | | |
| MATERIAL BURNETICE Material Company Materia | | | | 2 | | | | | 1 2 | |
| MARTE PRIMER PRINTED DE L'ANTE 500 2 CORP. | | | | 2 | | | | | ; | |
| MARTIN SAMESTON DI NESTOR DI 1708 0 1 | | | | 2 | | | | /-/ | | |
| BANGE/CYCNIC BANGE/CYCNIC BANGE/CYCNIC C. C. C. C. C. C. C. | | | | 1 2 | | | | | ' | |
| Medical March Ma | | | | 1 - | | | | | <u>'</u> | |
| MARIE CRIMINOSIZ RESISTOR ON I / JOIN 5.16 1 CRIZ CRIMICIDARIS CAPACITOR ON I 107 0.70 2 1 CRIMINOSIZ RESISTOR ON I / JOIN 1.6 2 CRIMINOSIZ CAPACITOR ON I 107 0.70 2 CRIMINOSIZ CRIMINOSIZ CAPACITOR ON I 107 0.70 2 CRIMINOSIZ CRIMINOSIZ CAPACITOR ON I 107 0.70 2 CRIMINOSIZ CRIMIN | | | | 1 ; | | | A | | <u>;</u> | |
| MARSID CARPORATION CARPO | | | | 1 ; | | | | | 1 | |
| MARCH MARC | | | | 1 | | | | | 1 | |
| Medical BAMERY 1922 M. RESISTOR ON 1/100F 276 2 | | | | 2 | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 2 | |
| PARSON PRINCE COLOR PRINCE COL | | | | 2 | | | | P. CAPACITOR 16V 0.1U | 3 | |
| March Marc | | | | 1 | | C4029 | ECUX1H333KBN | C. CAPACITOR CH 50V 0.033U | 1 | |
| MARTIO PRINCEPTION PRINC | R4906 | ERJ14YJ151 | M. RESISTOR CH 1/4W 150 | 1 | 100 | C4030 | ECUX1E104KBN | C. CAPACITOR CH 25V 0.1U | 1 | |
| MARTINE SREEFFORD MERSISTER ON 1/100 1 | R4908 | ERJ14YJ151 | | 1 | | | * | | 1 | |
| BANKED SERRICHORD MESTISTRO DI 1/10W 0 1 C.0035 EQUINIDEZENE C.APACTER OI SISTEM 2000 1 1 1 1 1 1 1 1 1 | R4910 | | | +-: | | | | | 2 | |
| RAMERY CHANGE Marker CHANG | | | | 2 | | | *************************************** | , | ! | |
| REASON RESISTER OF LYTON 6, 8K 1 | | | | 1 | | | • | | ! | |
| RAPPORT RAPPORT RESISTOR CH 1/10W 1, M. 1 C4098 EXPLICITOR CH 15W 2, 2U 1 1 1 1 1 1 1 1 1 1 | | | | 1 | | | | | | |
| MARCON Marcon M | | | | <u> </u> | | | | | | |
| RABS2 ELIGREYCOD M. RESISTOR OI 1/10W 1M 1 CA041 ECEVICATION C. CAPACITOR OI 19V 47U 1 RABS2 ELIGREGOSS2 M. RESISTOR OI 1/10W 500 1 CA043 ECUIHINEZEKIN C. CAPACITOR OI 19V 47U 1 | | | | ⊢¦ | | | | | - | |
| PARSES CAMPRIDENS M. RESISTOR OL 1/10% 6.0K 1 CA042 CEVELHERATO C.CAPACITOR OL 25V 4.7U 1 CA042 CA044 CA | | | | ; | A. A. A. A. A. A. A. A. A. A. A. A. A. A | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1 | |
| PARSES DERBERS Less Store (or 1/10W 3.9K 1 C4043 CAURINEZZRON (C. CAPACITOR CH 50V 2000 1 1 1 1 1 1 1 1 1 | ., | | | ; | | | | | | |
| R4927 R498E0561 | | | | ; | | | | | 1 | |
| R4829 | | | | +i | | | | | 1 | |
| R4929-31 R4662Y0103 | | · | | 1 | - | | | | 1 | |
| R4832_33 EUROEYPORD M. RESISTOR CH 1/10W 10K 9 CA042 EQUXIC2248BW C. CAPACITOR CH 16V 0.22U 1 1 1 1 1 1 1 1 1 | | | | 3 | | | | , | 1 | |
| RABIA-42 ENRIGEYTIOL M. RESISTOR CH 1/10W 100K 9 CA048 EQUILITION | | | | 2 | | C4047 | ECUX1C224KBM | C.CAPACITOR CH 16V 0.22U | 1 | |
| Name | | | | 9 | | C4048 | ECUM1H102KBN | C. CAPACITOR CH 50V 1000P | 1 | |
| R4951, 52 ERJ66EYG103 | R4943-46 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 4 | | | | | | |
| R4957 ERIGGEYORO M. RESISTOR CH 1/10W 0 1 | | | | 3 | | | | | 1 | |
| C4106 C4106 C4107 C4108 C410 | | | | 2 | | | | | 1 | |
| TG4301 V.R0646 TEST POINT 1 | R4957 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | _1 | | | | | ! | |
| C4119 C4119 C4110 C411 | | | TEOT COLLET | | | | | | 1 | |
| C4120,21 CUMIETOAZFN C. CAPACITOR CH 25V 0, 1U 2 | | | | | *** | | | | <u> </u> | |
| TP4301, 02 V.R0646 TEST POINT 2 C4122 ECEVO.V.2200 E. CAPACITOR CH6.3V 22U 1 | 164351 | VJKU646 | IESI PUINI | ' | international content of the Particular Conference on the Conference of the Conferen | | | | 2 | A STATE OF THE STA |
| TP4401 | TD4201 00 | V ID0646 | TEST POINT | ١, | | | | | 1 | ************************************** |
| TP4401 | | | | | | | | | 3 | |
| TP4476 | | | | 1 | | | | L.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M | 1 | |
| TP4551 | | | | 1 | | | | | 2 | |
| TP4626 | | | | 1 1 | | | | | 1 | |
| C4140, 41 ECUMIE104ZFN C. CAPACITOR CH 25V 0.1U 2 | | | | _ 1 | | C4130 | ECEV0JV2200 | E.CAPACITOR CH6.3V 22U | 1 | |
| VR4401 | TP4701-04 | VJR0646 | TEST POINT | 4 | | | | | 1 | |
| VR40109B501 V. RESISTOR 500 1 C4143-46 ECUMIE104ZFN C. CAPACITOR CH 25V 0. 1U 4 | | | | | | | | | 2 | |
| VR4476 VRV0109B501 V. RESISTOR 10K 1 C4201,02 ECUMIE104ZFN C. CAPACITOR CH 25V 0.1U 2 | | | | 1 | | | | | 1 | THE STATE OF THE S |
| VR4477 VRW0109B501 V. RESISTOR 500 1 C4203 ECUMIH470JCN C. CAPACITOR CH 50V 47P 1 | | | | 1 | | | | | 4 | |
| VR4551 VR10112B103 V. RESISTOR 10K 1 C4204,05 ECEVICV1000 E. CAPACITOR CH 16V 10U 2 | | | | 1 | | | | | 2 | |
| VR4552 VR40109B501 V. RESISTOR 500 1 C4206 ECUMIH103KBN C. CAPACITOR CH 50V 0.01U 1 1 VR4626 VR40112B103 V. RESISTOR 10K 1 C4207 ECUMIH470JCN C. CAPACITOR CH 50V 47P 1 VR4627 VR40109B501 V. RESISTOR 500 1 C4208 ECUMIH103KBN C. CAPACITOR CH 50V 0.01U 1 VR4701 02 VR40112B103 V. RESISTOR 10K 2 C4209, 10 ECEVICV1000 E. CAPACITOR CH 16V 10U 2 VR4751 VR40109B501 V. RESISTOR 500 1 C4211 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 VR4831 VR40109B501 V. RESISTOR 500 1 C4212 ECUMIE104ZFN C. CAPACITOR CH 16V 22U 1 VR4831 VR40109B501 V. RESISTOR 500 1 C4214 ECUMIE104ZFN C. CAPACITOR CH 16V 22U 1 VR410109B501 V. RESISTOR C4214 ECUMIE104ZFN C. CAPACITOR CH 16V 22U 1 VR410109B501 C4214 ECUMIE104ZFN C. CAPACITOR CH 16V 47U 1 VR4143 CARD PULLER 1 C4215 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 VR4143 CARD PULLER 1 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 1000 2 C4216 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 1000 2 C4216 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 1000 2 C4216 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 1000 2 C4216 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 1000 2 C4216 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 1000 2 C4216 | | | | - <u>!</u> | | | | | _ | |
| VR4626 VR40112B103 V. RESISTOR 10K 1 C4207 ECUMIH470JCN C. CAPACITOR CH 50V 47P 1 VR4627 VR40109B501 V. RESISTOR 500 1 C4208 ECUMIH103KBN C. CAPACITOR CH 50V 0.01U 1 VR4701, 02 VR47112B103 V. RESISTOR 10K 2 C4209, 10 ECEVICV1000 E. CAPACITOR CH 16V 10U 2 VR4751 VR40109B501 V. RESISTOR 500 1 C4211 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 VR4831 VR40109B501 V. RESISTOR 500 1 C4212 ECUMIE1042FN C. CAPACITOR CH 16V 22U 1 C4213 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 C4214 ECUMIE1042FN C. CAPACITOR CH 16V 22U 1 C4215 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 C4215 ECEVICV2200 E. CAPACITOR CH 16V 27U 1 C4215 ECEVICV2700 E. CAPACITOR CH 16V 47U 1 C4215 ECEVICV2700 E. CAPACITOR CH 16V 47U 1 C4216 T6216 T | | | | - | | | | | 4 | |
| VRIVID V | | | | | | | | | - ; | |
| VR4701 | | | | | | | | | 1 | |
| VR4751 VRI/0109B501 V. RESISTOR 500 1 C4211 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 VR4831 VRI/0109B501 V. RESISTOR 500 1 C4212 ECUMIE104ZFN C. CAPACITOR CH 25V 0. 1U 1 C4213 ECEVICV2200 E. CAPACITOR CH 25V 0. 1U 1 C4214 ECUMIE104ZFN C. CAPACITOR CH 25V 0. 1U 1 C4215 ECEVICV4700 E. CAPACITOR CH 25V 0. 1U 1 C4215 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 100U 2 | | | | | | | | | - | |
| VR4831 VRI/0109B501 V. RESISTOR 500 1 C4212 ECUMIE104ZFN C. CAPACITOR CH 25V 0. 1U 1 C4213 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 MISCELLANEOUS C4214 ECUMIE104ZFN C. CAPACITOR CH 25V 0. 1U 1 C4215 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 VML2143 CARD PULLER 1 C4216, 17 ECEA1CGE101 E. CAPACITOR 16V 100U 2 | | | | 1 | | | | | - | |
| C4213 ECEVICV2200 E. CAPACITOR CH 16V 22U 1 | | | | ; | A 2070 | | | | 1 | |
| MISCELLANEOUS C4214 ECUMIE104ZFN C. CAPACITOR CH 25V 0.1U 1 | | 12,5,01000001 | | | | | | | 1 | the through the control of the contr |
| C4215 ECEVICV4700 E. CAPACITOR CH 16V 47U 1 | | | MISCELLANEOUS | | | | | | 1 | prompted and the same of the s |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | 1 | |
| VM.2144 CARD PULLER 1 C4218 ECEV1CV2200 E. CAPACITOR CH 16V 22U 1 | | VML2143 | CARD PULLER | 1 | | | | E. CAPACITOR 16V 100U | 2 | |
| | | VML2144 | CARD PULLER | 1 | | C4218 | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | 1 | |
| | | | | | | | | | | The state of the s |
| | | | <u> </u> | oxed | | <u></u> | | | | |

| D.C | и в | | | | | | | | |
|------------------|------------------------|---|------------------|--|----------------|---------------------------------------|--|---|--|
| Ref.
C4219 | | | | es Remarks | Ref. | No. Part 1 | No. Part Name & Descriptio | n Pcs | Romarko |
| C4220 | | | . 10 | 1 | 04205 | 2SD602A- | TRANSISTOR | 1 | Remarks |
| C4221 | ECUM1E104 | 750 | 220 | 1 | 04206 | 2SB710A-I | TRANSISTOR | 1 1 | |
| C4222 | ECEV1CV47 | | . 10 | 1 | | | | - | *************************************** |
| C4247 | ECUM1H471 | | 47U
70P | 1 | 0R400 | | TRANSISTOR-RESISTOR | 1 | *************************************** |
| C4303 | | | | 41 | 0R4201 | UN2213 | TRANSISTOR-RESISTOR | 1, | THE CONTRACT COMMENTS OF STREET, ST. S. S. S. S. S. S. S. S. S. S. S. S. S. |
| C4307 | | | | 4 | | | | 1 1 | |
| C4401 | ECEV1CV22 | | 220 | 2 | R4013 | ERJ6RBD43 | 1 | 1 1 | |
| C4402 | ECUM1E104 | | 10 | 1 | R4014, | | 10K | 2 | |
| C4403 | ECEVOJV10 | | 000 | | R4016 | ERJ6GEYJ1 | | 1 | |
| C4404- | | | | !
! | R4017 | ERJ6GEYF4 | 7.78 | 1 | AND AND ADDRESS OF THE PARTY OF |
| C4407 | ECEV1CV22 | | 20 1 | | R4018 | ERJ6GEYF5 | 300 | 1 | Manual 1001 |
| C4408 | ECUM1E104 | | | | R4022 | ERJ6GEYG1 | 10K | 1 | The state of the s |
| C4409 | ECEV1CV10 | | 0U 1 | | R4023 | ERJ6GEYF4 | 7.7K | 1 | |
| C4410- | 13 ECUM1E104 | | | | R4025
R4026 | ERJ6GEYF4 | | 1 | |
| C4414 | ECUM1H103 | | 10 1 | Toronto and the second | R4027 | ERJ6GEYG4
ERJ6GEYG1 | | 11 | |
| C4415 | ECEV0JV10 | IQ E.CAPACITOR CH6.3V 100 | 0U 1 | | R4028 | ERJ6GEYF1: | | 1 | Management |
| C4416 | ECUM1E1042 | | 10 1 | | R4029 | ERJ6GEYG2 | | 11 | |
| C4417 | ECUM1H103k | | 10 1 | | R4030 | ERJ6GEYF39 | L. ZR | 11 | |
| C4418 | ECEV1CN100 | 0 E. CAPACITOR CH 16V 10 | OU 1 | | R4031 | ERJ6GEYF3 | | - | |
| | | | | | R4032 | ERJ6GEYF47 | 33K | ! | *** **** **** ***** ***** ***** ***** |
| D4102 | MA157 | DIODE | 1 | | R4033, 3 | | | 2 | Commence of the commence of th |
| D4201,0 | 02 MA157 | DIODE | 2 | | R4035 | ERJ6RBD152 | 100 | - 2 | |
| El 4000 | 10.5000 | | | | R4036 | ERJ6RBD392 | | -; - | |
| FL4002 | VLF1069 | FILTER | 1 | | R4037 | ERJ6GEY0R0 | J. J. J. J. J. J. J. J. J. J. J. J. J. | | |
| IC4003 | CV111000 | 10 | | | R4038 | ERJ6GEYG10 | | | the comment and the second states of the second |
| | 05 NJM4580ED | 10 | _ [1 | | R4039, 4 | | M. RESISTOR CH 1/10W 1.2K | 2 | and a special control of the second control |
| 1C4004, | MC14052BF | IC IC | 2 | | R4041 | ERJ6RBD823 | M. RESISTOR CH 1/10W 82K | 1 | |
| 1C4008 | NJM4580ED | IC | +1 | | R4044 | ERJ6GEYG10 | | il | *************************************** |
| IC4009 | AN78N09 | IC | | and the complete and th | R4045 | ERJ6GEY0R0 | | 1 | man as a second of the second |
| IC4010 | AN79N09 | IC | | anno qui al anno - 1,5 tan in manno anno 4 to anno anno 1 ta | R4046 | ERJ6GEYG22 | M. RESISTOR CH 1/10W 22K | 1 | CONTRACT COMMUNICATION OF THE CONTRACT |
| | 12 NJM4580ED | lic lic | 1 2 | | R4047, 48 | B ERJ6GEYG10: | M. RESISTOR CH 1/10W 10K | 2 | |
| IC4013 | MC14053BF | IC | 1 | | R4049 | ERJ6GEY0R00 | | 1 | |
| IC4014 | NJM4580ED | ic | - | | R4051 | ERJ6GEYG103 | | 1 | |
| IC4015 | MC14053BDT | IC | 1 | | R4052 | ERJ6RBD202 | M. RESISTOR CH 1/10W 2K | 1 | The second secon |
| IC4101 | AD7945BR | IC | 1 1 | But the boundary of the manufacture of the second of the s | R4053 | ERJ6GEYG562 | | 1 | |
| 1C4103 | NJM4580ED | IC | | | R4054
R4055 | ERJ6GEYG332 | | 1 | |
| IC4106 | MC14053BF | IC | 1 | | R4056 | ERJ6GEYG222
ERJ6GEYG103 | | 1 | |
| IC4108 | XC62AP3002P | ic | 1 | | R4057 | ERJ6GEYG222 | M. RESISTOR CH 1/10W 10K | 11_ | |
| IC4109 | AK4503VF | IC | 1 | ************************************** | R4058, 59 | | M. RESISTOR CH 1/10W 2.2K | 1 | Commission of the Commission o |
| IC4110 | T74VHCT244F | IC | 1 | | R4060,61 | ERJ6GEYF473 | | 2 | |
| IC4111 | T74VHC244F | IC | 1 | *************************************** | R4064-66 | ERJ6GEYG103 | | 3 | |
| IC4115 | NJM78L05UA | IC | 1 | | R4068, 69 | ERJ6GEY0R00 | 11 DEC. 10-1- | 2 | |
| 1C4116 | NJM79L05UA | IC | 1 | | R4071 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | |
| IC4117
IC4201 | MC14053BF | IC | _ 1 | | R4072 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | ;- | |
| IC4201 | MC14052BF
NJM4580ED | IC IC | 1 | | R4081 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | il | |
| IC4203 | NJM2043MD | IIC IIC | | | R4082 | ERJ6GEYF393 | M. RESISTOR CH 1/10W 39K | il | |
| | AQV212SX | 10 | | | R4083 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | |
| IC4207 | TC4W53F | IC | 2 | | R4085 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | il — | |
| | SN74S1051NS | IIC | 1 : | | R4092 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | i | * 10 (10 (10 (10 (10 (10 (10 (10 (10 (10 |
| IC4303 | 74F245SJ | lic | | | R4094 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 1 | 1 | and the state of t |
| 1C4304 | 74F541SJ | IC | 11 | | R4096 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | <u> </u> | |
| IC4305 | 74AC139SJ | IC | +-; - | | R4101 | ERJ6RBD123 | M. RESISTOR CH 1/10W 12K 1 | | |
| 1C4306 | TC7SU04F | IC | 1 1 | | R4102
R4103 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K 1 | ļ | |
| | UPD71055GB | IC | 2 | | R4103 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K 1 | ļ | |
| IC4401 | TC4W53F | IC | 11 | | R4118 | ERJ6GEYG103
ERJ6RBD102 | M. RESISTOR CH 1/10W 10K 1 | ļ | |
| 1C4402 | MC74HC74AF | IC | 1 | | | ERJ6RBD153 | M. RESISTOR CH 1/10W 1K 1 | ļ | |
| IC4403 | MC74HC541AF | IC | 11 | | | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 15K 1 | L | |
| 1C4404 | MB621926 | IC |] 1 | | | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 0 1 | ļ | |
| IC4405 | MB81480070 | IC | 1 | | | ERJ6GEYF472 | MLRESISTOR CH 1/10W 10 2
MLRESISTOR CH 1/10W 4.7K 1 | | |
| IC4406 | NJM78L05UA | IC | 1 | | | | M DECLOSED | | |
| IC4407 | AK4320VM | IC | 1 1 | | | | M. RESISTOR CH 1/10W 0 1 | | |
| IC4408 | TC4W53F | IC | 11 | | | | M. RESISTOR CH 1/10W 10K 2 | · | |
| P4001 | V ID34540000 | 000000000000000000000000000000000000000 | | | | | M. RESISTOR CH 1/10W 4.7K 2 | | |
| P4002 | VJP3454B096 | CONNECTOR (MALE) | <u> </u> | | | ************************************* | M. RESISTOR CH 1/10W 0 1 | | V |
| . 1002 | VJP1230T | CONNECTOR (MALE) 3P | 1 | | | | M. RESISTOR CH 1/10W 1K 1 | | |
| 04001,02 | 2SD1149-R | TDANCICTOD | | *************************************** | R4165 | | M. RESISTOR CH 1/10W 10K 1 | ************ | |
| | 2SB792-R | TRANSISTOR | 2 | | R4166 E | | M. RESISTOR CH 1/10W 4.7K 1 | | |
| | 2SD1994A-R | TRANSISTOR
TRANSISTOR | . | | | | M. RESISTOR CH 1/10W 56K 1 | | |
| | 2SB1322A-R | TRANSISTOR | ├ ; | | | RJ6RBD152 | W. RESISTOR CH 1/10W 1.5K 1 | | Action of the control |
| | 2SD1994A-R | TRANSISTOR | | | | RJ6RBD471 | 1. RESISTOR CH 1/10W 470 1 | | Control of the Contro |
| | | TRANSISTOR | 1 | | | RJ6RBD103 | I. RESISTOR CH 1/10W 10K 1 | *************************************** | |
| | | | | | R4175 E | RJ6RBD222 | I.RESISTOR CH 1/10W 2.2K 1 | * * * * * * * * * * * * * * * * * * * | |
| | | | | | | | | | |
| | | | | | | | | | |

| | T | | Ţ. | | 6 11 | D 11 | D . N . 0 D | Ī. | |
|----------------|--------------------------|---|-----|------------|---------|--|----------------------------------|-----|--|
| Ref. No. | Part No. | Part Name & Description | PCS | Remarks Re | ef.No. | Part No. | Part Name & Description | Pc | s Remarks |
| R4176 | ERJ6RBD561 | M. RESISTOR CH 1/10W 560 | 1. | | | VML2143 | CARD PULLER | 1 | |
| R4177 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | 1: | | | VML2144 | CARD PULLER | | |
| R4178 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K | 1: | | | | | | |
| R4179 | ERJ6RBD561 | M. RESISTOR CH 1/10W 560 | +-; | | | | | - | |
| R4201 | ERJ6RBD301 | M. RESISTOR CH 1/10W 300 | | | | | | | |
| R4202 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | | | | | | | |
| R4203 | ERJ6RBD272 | M. RESISTOR CH 1/10W 2.7K M. RESISTOR CH 1/10W 12K | + ; | | E11 13 | VEP85177A | H2/H3/H4 EQUALIZER P.C.BOARD | ١, | (RTI) |
| R4204 | ERJ6RBD123 | | +; | | L11-13 | 1LI 03177K | TIZ/TIS/TIT EGGALTZEITT. C. BORG | | |
| R4205 | ERJ6RBD472 | | +-; | | | | | ⊢ | |
| R4206 | ERJ6RBD102
ERJ6RBD103 | M. RESISTOR CH 1/10W 1K M. RESISTOR CH 1/10W 10K | + ; | C50 | 001,02 | ECEV1HV2R2Q | E. CAPACITOR CH 50V 2.2U | - | |
| R4207
R4208 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | + ; | | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | - | 7 |
| | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | +-; | C50 | | ECUX1H101JCV | C. CAPACITOR CH 50V 100P | 1 | |
| R4209 | ERJ6RBD271 | M. RESISTOR CH 1/10W 270 | + | C50 | | ECUX1H102JCV | C. CAPACITOR CH 50V 1000P | 1 | |
| R4210
R4211 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | +; | C50 | | ECUX1E681JCV | C. CAPACITOR CH 25V 680P | | |
| R4211 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | + ; | C50 | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| R4213 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 1M | 1 | C50 | | ECUX1H270JCV | C. CAPACITOR CH 50V 27P | 1 | |
| R4214, 15 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | 1 2 | C50 | | | C. CAPACITOR CH 50V 47P | i | |
| R4214, 13 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 1 | C50 | | | C. CAPACITOR CH 50V 100P | H | |
| R4217 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | 'i | C50 | | | C. CAPACITOR CH 50V 120P | - | |
| R4218, 19 | ERJ6RBD472 | M. RESISTOR CH 1/10W 4.7K | 1 2 | C50 | | | C. CAPACITOR CH 25V 0.1U | 1 | |
| R4220 | ERJ6GEYG105 | M. RESISTOR CH 1/10W 4.7K | 1 | C50 | | | C. CAPACITOR CH 50V 47P | 1 | THE RESERVE THE PERSON OF THE |
| R4221 | ERJ6RBD153 | M. RESISTOR CH 1/10W 15K | + ; | | | | C. CAPACITOR CH 25V 0.1U | 5 | |
| R4222 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | † i | | | ECUX1H102JCV | C. CAPACITOR CH 50V 1000P | 2 | |
| R4223, 24 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 1 2 | | | | C. CAPACITOR CH 25V 0.1U | 14 | |
| R4225, 24 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 1 | C50 | | | C. CAPACITOR CH 50V 1000P | 1 | |
| R4226, 27 | ERJ6GEYG562 | M. RESISTOR CH 1/10W 5.6K | 2 | | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | |
| R4228-31 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | 4 | C50 | | ECUX1H182KBV | C. CAPACITOR CH 50V 1800P | 1 | |
| | ERJ14YJ220 | M. RESISTOR CH 1/4W 22 | 2 | | | | C. CAPACITOR CH 25V 0.1U | 5 | |
| R4234 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | C50 | | | C. CAPACITOR CH 50V 1000P | 1 | |
| | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 2 | | | | C. CAPACITOR CH 25V 0.1U | 7 | |
| R4237 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 1 | | | | C. CAPACITOR CH 50V 1200P | 2 | |
| R4238, 39 | ERJ6GEYF561 | M. RESISTOR CH 1/10W 560 | 2 | | | | C. CAPACITOR CH 25V 0.1U | 7 | |
| R4240, 41 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 2 | C50 | | | C. CAPACITOR CH 50V 68P | 1 | • |
| R4242 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | | | C. CAPACITOR CH 25V 0.1U | 6 | |
| R4243 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | C50 | | | C. CAPACITOR CH 25V 0.1U | 1 | |
| R4279, 80 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | C50 | 82-85 | ECUX1H152KBV | C. CAPACITOR CH 50V 1500P | 4 | |
| R4281 | ERJ6RBD512 | M. RESISTOR CH 1/10W 5.1K | 1 | C50 | 86-92 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 7 | |
| R4282 | ERJ6RBD301 | M. RESISTOR CH 1/10W 300 | 1 | C50 | 93 | ECUX1C105ZFN | C. CAPACITOR CH 16V 1U | 1 | |
| R4283 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 | 1 | C50 | 94 | ECUX1C104KBV | C. CAPACITOR CH 16V 0.1U | 1 | |
| R4284 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K | 1 | C50 | | THE COURSE OF TH | C.CAPACITOR CH 50V 820P | 1 | |
| R4285 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | 1 | C50 | | | C. CAPACITOR CH 25V 0.1U | 1 | Million Million |
| R4301, 02 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 2 | | | | C. CAPACITOR CH 25V 0.1U | 3 | |
| R4303-16 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 14 | C51 | | | C. CAPACITOR CH 50V 1500P | 1 | |
| R4401 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | | | C. CAPACITOR CH 25V 0.1U | 5 | |
| R4402 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | | | | C. CAPACITOR CH 25V 0.1U | 4 | |
| R4403-06 | ERJ6GEYG331 | M.RESISTOR CH 1/10W 330 | 4 | | | | C. CAPACITOR CH 16V 1U | 1 | |
| R4407 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | C51 | | | C. CAPACITOR CH 25V 0.1U | 1 | |
| R4408 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | | | C. CAPACITOR CH 50V 27P | 8 | |
| R4409 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 1 | C51: | | | C.CAPACITOR CH 50V 10P | 1 | |
| R4410 | ERJ6GEYJ100 | M. RESISTOR CH 1/10W 10 | 1 | | | | C. CAPACITOR CH 25V 0.1U | 4 | |
| | ERJ6GÉY0R00 | M. RESISTOR CH 1/10W 0 | 3 | C51: | | | C. CAPACITOR CH 50V 100P | 1 | |
| | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | 2 | | | | C. CAPACITOR CH 25V 0.1U | 10 | |
| R4417-20 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 4 | | | | C. CAPACITOR CH 25V 0.1U | 7 | |
| R4421 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | C514 | | | E. CAPACITOR CH6. 3V 33U | 1 | ······································ |
| R4423 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | | | C. CAPACITOR CH 25V 0.1U | 2 | ALVIEW CONTROL OF THE PROPERTY |
| R4425 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 4 | | | | E. CAPACITOR CH 50V 2.2U | 2 | |
| R4427 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | | | | C. CAPACITOR CH 25V 0.1U | 7 | //I MAT II I MATS IN 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / 1817 / |
| R4430 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | -1 | C531 | | | C. CAPACITOR CH 50V 100P | _1 | |
| | <u> </u> | | | C531 | | | C. CAPACITOR CH 50V 1000P | . 1 | |
| SW4002 | V\$\$0342 | SWITCH | 1 | C531 | | | C. CAPACITOR CH 25V 680P | 1 | |
| TA | l | | H | C531 | | | C. CAPACITOR CH 25V 0.1U | 1 | |
| TG4101 | VJR0646 | TEST POINT | 1 | C531 | | | C. CAPACITOR CH 50V 27P | 1 | |
| | | | - | C531 | | | C. CAPACITOR CH 50V 47P | 1 | |
| TP4001 | VJR0646 | TEST POINT | 1 | C531 | | | C. CAPACITOR CH 50V 100P | _! | And the state of t |
| TP4101-03 | | TEST POINT | 3 | C532 | | | C. CAPACITOR CH 50V 120P | -1 | |
| TP4201 | VJR0646 | TEST POINT | -1 | C532 | | | C. CAPACITOR CH 25V 0.1U | 4 | |
| VD 4000 | LANGO AND THE | V DECLOTOR | | | | | C. CAPACITOR CH 50V 47P | 4 | |
| VR4002 | VRV0064B503 | V. RESISTOR 50K | | | | | C. CAPACITOR CH 25V 0.1U | 5 | |
| VR4003 | VRV0112B502 | V. RESISTOR 5K | ! | | | | C. CAPACITOR CH 50V 1000P | 2 | |
| VR4005 | VRV0112B203 | V. RESISTOR 20K | 1 | | | | | 14 | |
| VR4006 | VRV0112B103 | V.RESISTOR 10K | - 1 | C534 | | | C. CAPACITOR CH 50V 1000P | 4 | |
| | | HIAAFI I ANFAUA | | | | | C. CAPACITOR CH 25V 0.1U | 2 | - Landing Control of the Control of |
| | <u> </u> | MISCELLANEOUS | | C535 | | | C. CAPACITOR CH 50V 1800P | 4 | |
| | | Charles - Marie - Control | | C535 | 51,52 E | CUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | |
| | | | | | | | | | |
| | L | | 1 | | | | | | |
| | | | | | | | | | |

| Ref (100) | | | | | | | | | | | |
|--|-------------|---|---|----------|---|-------------|-------|---|--|----------|--|
| Control Cont | | . Part No | . Part Name & Description | nPc | s Remarks | Ref | No. | Part No. | Don't No | 1 | T |
| Security | | ECUX1E104Z | FV C. CAPACITOR CH 25V 0.1U | 1 | | | _ | | rart Name & Description | nΡ | cs Remarks |
| Control Cont | C5356 | ECUX1H102J | CV C. CAPACITOR CH 50V 1000P | 1 | | | | | | | 1 |
| Control Control Comparing Comparin | C5357-63 | ECUX1E104ZI | | 1 7 | 7 | | | | | _ | 1 |
| Color | C5364,65 | ECUX1H122K | | 1 3 | | | | | | | 1 |
| SCHAPT SCHAPT SECRETARY CONFIDENCE SW SW | C5366-72 | | | 1 5 | | | | | | 1 | 1 |
| CONTROL CONT | C5373 | | | 1 ; | | | | | | | 1 |
| Control Cont | C5374~79 | *************************************** | | ' | | | | | IC | T | 1 |
| Control Cont | | | | 1 . | | | | NJM082BV | IC | | 11 |
| Control Cont | | | | 1-1 | | 1C5309 |) | THC4066FT | IC | 1 | 1 |
| Control Cont | | | | 4 | | IC5310 |) [| UPC1663G | Ic | +- | 1 |
| Company Comp | | | | 7 | | IC5311 | 1 | AD9057BRS | IC | + | 1 |
| Security | | | | 1 | | IC5312 | . 1 | TC6326AF | IC | | 11 |
| | | | | 1 | 100 | IC5313 | | | | | 1 |
| Control Cont | | | | 1 | | | | | | +- | |
| 1599-0-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9- | | | | 1, | | | | | | ļ | 11 |
| Section Sect | C5400-02 | ECUX1E104ZF | V C. CAPACITOR CH 25V 0.1U | 3 | | | | | | | |
| General Control General Co | C5403 | ECUX1H152KB | V C. CAPACITOR CH 50V 1500P | 1 | | | | | | | |
| Security Content Con | C5404-08 | ECUX1E104ZF | | 5 | | | | | | ļ | 2 |
| EAST-16 EMANCESSEPH CAMPACTER OF 129 1 | C5411-14 | | | Å | | | | | | _ | 1 |
| Security | C5415 | **** | | | | | | | | | 1} |
| CASH CONTINUO CAPACITOR OS 90 0 1 | | | | -: | | | | | | | 1 |
| EACH | | | | | | IC5610 | X | C62AP3202P | [1C | | 1 |
| CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPATON CAMPA | | | | 8 | | | | | | 1 | |
| 1.596.00 | | | | 1 | | L5001 | VI | LQ0188K1RON | COIL 10H | | |
| | | | | 4 | | L5002,0 | | | | ۱ | |
| Section Control Cont | | | | 1 | | | | | | | |
| Continue | | | | 10 | | | | | 1011 | <u> </u> | |
| | | | | 3 | HILL THE STATE OF | | | | | | |
| Continue | | | | 1 | | *** | | | | | |
| | C5601-30 | | | 30 | | | | | | | 1 |
| | C5640 | | | 1 | | 1 - 13601,0 | z EL | ESE4H/JA | COIL 4.7UH | 2 | |
| | | | | -;} | | 11 | | | | | |
| Content Cont | | | | :/ | | | | | CONNECTOR (MALE) | 1 | |
| CSSEAL SCENICATION C. CAPACITOR OI 19V ATU 2 | | | | !- | | | ٧J | JP1230T | CONNECTOR (MALE) 3P | 1 | |
| Common | | | | -4 | | P5003 | [VJ | IP1230R | CONNECTOR (MALE) | 1 | |
| C5648 CEVICYTONO E.CAPACTTRI CH. 25V 0.10 1 05000 05000 050533 050330-B TRANSISTOR 1 1 05000 05000 050531 TRANSISTOR 1 1 05000 05000 050531 TRANSISTOR 1 1 05000 05000 050531 TRANSISTOR 1 1 05000 | | | | 2 | | J L | | | | | |
| Content Cont | | | | 1 | | Q5001 | XN | 6537 | TRANSISTOR-RESISTOR | 1 | |
| Control Control Company Comp | | | | 1 | | 05002.0 | 3 25 | C3930_B | | ٠, | |
| Commons Comm | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | | 05004 | | | | - 4 | |
| Continue | C5649,50 | ECEV1CV470Q | E. CAPACITOR CH 16V 47U | 2 | | | | | | | |
| C5654 C5671V7100 C CAPACTOR CH 16V 10U 1 | C5651 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | | 1 | | | | -1 | |
| CSSSSS CEVITICATION C.CAPACITOR CH 15V ATU 1 | C5652 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | | | | | | |
| C6565 ECEVICIPATO C. CAPACITOR CH 25V 0.10 1 05012,13 255.5968.12 TRANSISTOR 2 2 2 2 2 2 2 2 2 | C5654 | ECEV1CV470Q | | + | | | _ | | | 2 | |
| CSSES CEVILCYION C. CAPACITOR CH 16V 10 | | *************************************** | | | | | | *************************************** | | 3 | |
| C5569 CCUXIE104ZPV C. CAPACITOR CH 2SV 0.1U 1 05016-19 285393-B TRANSISTOR-RESISTOR 4 0506-19 285393-B CONTRIBUTION 1 0506-19 285393-B TRANSISTOR 4 0506-19 285393-B CONTRIBUTION 1 05021 285193-B TRANSISTOR 1 05021 285193-B TRANSISTOR 1 05021 285193-B TRANSISTOR 1 05021 285193-B TRANSISTOR 1 05021 285193-C TRANSISTOR 1 05021 285193-C TRANSISTOR 1 05021 285193-C TRANSISTOR 1 05022 285193-C TRANSISTOR 1 05022 285193-C TRANSISTOR 1 05024 285193-B TRANSISTOR 1 05024 285193-B 05023 285193-C | | | | -;}- | | | | | . Chamber of the control of the cont | 2 | |
| C5569 ECEVICATOO E. CAPACITOR CH ISV 47U 1 | | | | -;- | | | | | TRANSISTOR-RESISTOR | 2 | The second secon |
| C5660 ECUXIETO4ZFY C. CAPACITOR CH 25V 0.1U 1 | | | | -:- | | | | | TRANSISTOR | 4 | |
| CS661 ECPV_0_V1010 E.CAPACITOR C16.3V 100 1 | | | | - - | | 05020 | 2SD | 01819A | TRANSISTOR | 1 | |
| C5662 ECEVOLV4700 E. CAPACITOR CH6.3V 47U 1 1 1 1 1 1 1 1 1 | | *************************************** | | | | 05021 | XN5 | 5531 | TRANSISTOR-RESISTOR | 1 | |
| C5663 ECUXIE1042FV C. CAPACITOR CH 25V 0.1U 1 05024 XN5531 TRANSISTOR—RESISTOR 1 1 1 1 1 1 1 1 1 | | | | 1 | | 05022 | 2SA | 1532-C | TRANSISTOR | 1 | |
| C-5664 CEVIT-VATOW C. CAPACITOR CH 25V 0.1 U 1 | | | | | | Q5023 | 250 | 3930-B | TRANSISTOR | 1 | |
| C-566-6-7 C-C-FICLY C-C- | | | | 1 | | 05024 | XN5 | | | ; | |
| C5668 ECEVOLVATOO E. CAPACITOR CH 25V 0.1U 3 0.5302, 03 25.0330B TRANSISTOR 2 2 2 2 2 2 2 2 2 | | | | 1 | | 05301 | XN6 | E 4.7 | | + | |
| C5001 W-142WK D100E | | | | 3 | | | | | | ; | |
| D5001 | C5668 | ECEVOJV4700 | E. CAPACITOR CH6. 3V 47U | 1 | | | | | | 1 | |
| D5001 MA 142WK D100E | | | | 1 | | | | | The state of the s | # | |
| D504 | D5001 | MA142WK | DIODE | 1 | | | | | | 4 | |
| DESCRIPTION | D5004 | MA142WK | DIODE | 1 | | | | | | 1 | |
| Filter F | D5301 | WA142WK | DIODE | 1 | | | | | | 2 | |
| Filter F | | | | | | | | | | 3 | With the control of t |
| C5001 UPC16636 IC | FL5601-06 V | /LF0931 | FILTER | 6 | | | | | | 2 | |
| 1 | | | | 4 | | | | | | 2 | |
| IC5002 NJM196W IC | IC5001 | IPC16636 | ıc | - | | | | | | 4 | |
| 1 | | | | : - | | | - | | RANSISTOR 1 | i | |
| 1 | | | | 4 | | 05321 | XN55 | 31 T | RANSISTOR-RESISTOR 1 | il | |
| 1 1 1 1 1 1 1 1 1 1 | | | | 1 | | 05322 | 2SA1 | | | it- | |
| 1 | | | | 1 | | 05323 | 2SC3 | 930-B T | RANSISTOR 1 | † | |
| 1 1 1 1 1 1 1 1 1 1 | | | | 1 | | Q5324 | XN55 | | | + | |
| 1 | | | | 4 | | Q5601 | | | | 1- | |
| C5008 N.JM082BV IC 1 | | | | | | | | | | +- | |
| 1 | | JM082BV | IC 1 | I | | | 1 | | | ļ | |
| R5003 RFJ3RED560 M. RESISTOR CH 1/16W 56 1 | C5009 T | HC4066FT | IC 1 | 1 | | R5001 02 | ED 13 | GEV 1470 | PECICTOR OU 1 /2000 | ļ | |
| 1 | IC5010 UF | PC1663G | IC 1 | 1 | | | | | | 1_ | |
| 1 1 1 1 1 1 1 1 1 1 | IC5011 AE | | *************************************** | † | | | | | | ļ | |
| 1 1 1 1 1 1 1 1 1 1 | | | | + | | | | | | L | |
| C5014 T74LCX244F IC 1 R5009,10 ERJ36EYJ330 M. RESISTOR CH 1/16W 33 0 2 | | | | ļ | | | | | | 1 | |
| C5015 MC10H124M IC 1 R5009, 10 ERJ36EYJ330 M. RESISTOR CH 1/16M 33 2 | | | | ! | | | | | | - | |
| C5016 S80730ANDT IC 1 R5013,14 ERJ3GEYJ470 W.RESISTOR CH 1/16W 2.2K 2 C5017 NVHC244F IC 1 R5013,14 ERJ3GEYJ470 W.RESISTOR CH 1/16W 47 2 | | | | 1 | | | | | RESISTOR CH 1/16W 33 2 | J | (1.44-1-14) (1.44-1-14) (1.44-1-14) (1.44-1-14) (1.44-1-14) (1.44-1-14) (1.44-1-14) (1.44-1-14) |
| R5013,14 ERJ3GEYJ470 M. RESISTOR CH 1/16W 47 2 | | | | | | R5011,12 | ERJ3F | RBD222 M. | RESISTOR CH 1/16W 2.2K 2 | | |
| 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 10 PR 0000 1 DE015 1 DE01 | | | | <u> </u> | | R5013, 14 | ERJ30 | | | | |
| | OSOI7 NV | MC244F | 1 | ļ | | R5015, 16 | ERJ30 | | | | ···· |
| | | | | | | | | | | L | |
| | | | | L | | | | | | | |

| D 4 11 | D . N | D (N | Domonito | Ref. No. | Part No. | Part Name & Descript | ion |)rd | Remarks |
|------------------------|--|--|--|--------------------|----------------------------|--|---------------|-----|--|
| Ref. No. | Part No.
ERJ3GEYG332 | Part Name & DescriptionPcs M.RESISTOR CH 1/16W 3.3K 2 | Remarks | R5124 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W | 0 | 1 | Remarks |
| | | M. RESISTOR CH 1/16W 47 1 | | R5125 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W | 7 | 1 | |
| R5020 | | M. RESISTOR CH 1/16W 2.7K 1 | | R5126, 27 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W | 0 | 2 | |
| R5021 | | M.RESISTOR CH 1/16W 4.7K 1 | | R5129 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10 | | 1 | |
| R5022-24 | ERJ3GEYJ470 | M.RESISTOR CH 1/16W 47 3 | | R5130 | ERJ3GEYJ470 | | 7 | 1 | and the line of the late of th |
| R5025, 26 | ERJ3GEYJ330 | M. RESISTOR CH 1/16W 33 2 | | R5131 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10 | | - ! | |
| R5027, 28 | ERJ3RBD222 | M. RESISTOR CH 1/16W 2.2K 2 | | R5132 | ERJ3GEYJ470 | | 7
K | 1 | |
| R5029 | ERJ3RED820 | M. RESISTOR CH 1/16W 82 1 | | R5133
R5134, 35 | ERJ3GEYG102
ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2 | | 2 | |
| R5030
R5031 | ERJ3RBD333
ERJ3RBD221 | M. RESISTOR CH 1/16W 33K 1 M. RESISTOR CH 1/16W 220 1 | | R5136 | ERJ3GEYG822 | M. RESISTOR CH 1/16W 8.2 | | 1 | |
| R5032 | ERJ3RED820 | M. RESISTOR CH 1/16W 82 1 | MARINE MA | R5137 | ERJ3GEYG682 | M. RESISTOR CH 1/16W 6.1 | K | 1 | |
| R5033 | ERJ3RBD333 | M.RESISTOR CH 1/16W 33K 1 | (1) (1) | R5138 | ERJ3GEYJ224 | M. RESISTOR CH 1/16W 220 | K | 1 | |
| R5034 | ERJ3GEYJ221 | M.RESISTOR CH 1/16W 220 1 | | R5139 | ERJ3GEY0R00 | | 0 | 1 | |
| R5035 | £ | M. RESISTOR CH 1/16W 47 1 | | R5140 | ERJ3GEYJ821 | M. RESISTOR CH 1/16W 83 | | 1 | |
| R5036 | | M. RESISTOR CH 1/16W 2.7K 1 | | R5141
R5142 | ERJ3GEYG822
ERJ3GEY0R00 | M.RESISTOR CH 1/16W 8.2
M.RESISTOR CH 1/16W | 0 | - | |
| R5037 | ERJ3RED820
ERJ3RBD221 | M. RESISTOR CH 1/16W 82 1
M. RESISTOR CH 1/16W 220 1 | | R5142 | ERJ3GEYJ182 | M. RESISTOR CH 1/16W 1.1 | | 1 | Mark de contraction de la cont |
| R5038
R5039 | | M. RESISTOR CH 1/16W 220 1 | | R5146 | ERJ3GEYJ680 | | 8 | 1 | |
| R5040 | | M. RESISTOR CH 1/16W 2.2K 1 | | R5147 | ERJ3GEYJ392 | M. RESISTOR CH 1/16W 3.5 | K | 1 | |
| R5041 | | M. RESISTOR CH 1/16W 47 1 | | R5148 | ERJ3GEYG822 | M. RESISTOR CH 1/16W 8.2 | K | 1 | |
| R5042 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 1 | | R5149 | ERJ3GEYJ562 | M. RESISTOR CH 1/16W 5.6 | | 1 | |
| R5043 | | M.RESISTOR CH 1/16W 47 1 | | R5150 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3 | | 1 | |
| R5044 | | M. RESISTOR CH 1/16W 33 1 | | R5151 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15 M. RESISTOR CH 1/16W | 0 | 1 | |
| R5045 | | M. RESISTOR CH 1/16W 1.8K 1
M. RESISTOR CH 1/16W 47 2 | | R5152
R5154 | ERJ3GEY0R00
ERJ3GEYJ331 | M. RESISTOR CH 1/16W 33 | | 1 | |
| R5046, 47
R5048, 49 | | MLRESISTOR CH 1/16W 47 2
MLRESISTOR CH 1/16W 330 2 | | R5155 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10 | | il | |
| R5050, 51 | | M. RESISTOR CH 1/16W 1K 2 | | R5156 | ERJ3GEYJ470 | | 7 | 1 | |
| R5052 | | M. RESISTOR CH 1/16W 1.5K 1 | | R5157 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2 | . | 1 | |
| R5053 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K 1 | | R5158,59 | ERJ3GEYJ470 | | 7 | 2 | |
| R5054 | ERJ3RED820 | M.RESISTOR CH 1/16W 82 1 | | R5160,61 | ERJ3GEYJ330 | | 3 | 2 | |
| R5055 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K 1 | | R5162 | ERJ3GEYJ821 | M. RESISTOR CH 1/16W 82
M. RESISTOR CH 1/16W | K | | |
| R505658 | ERJ3GEYG152 | M. RESISTOR CH 1/16W 1.5K 3
M. RESISTOR CH 1/16W 47 2 | | R5163
R5164 | ERJ3GEYG102
ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7 | | 1 | |
| R5059,60
R5061,62 | ERJ3GEYJ470
ERJ3GEYJ330 | M. RESISTOR CH 1/16W 47 2
M. RESISTOR CH 1/16W 33 2 | | R5165 | ERJ3GEYJ470 | | 7 | 1 | |
| R5063, 64 | | M. RESISTOR CH 1/16W 2.2K 2 | | R5166 | ERJ3RED750 | | 5 | 1 | |
| R5065,66 | | M. RESISTOR CH 1/16W 47 2 | | R5167 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W | 0 | 1 | |
| R5067,68 | | M. RESISTOR CH 1/16W 33 2 | | R5168, 69 | ERJ3RED360 | | 6 | 2 | |
| R5069, 70 | ERJ3GEYJ272 | ML. RESISTOR CH 1/16W 2.7K 2 | | R5170,71 | ERJ3GEYJ470 | | 7 | 2 | |
| R5071 | | M. RESISTOR CH 1/16W 47 1 | | R5172 | ERJ3GEYJ821
ERJ3GEYJ331 | M. RESISTOR CH 1/16W 82
M. RESISTOR CH 1/16W 33 | | 2 | |
| R5072 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K 1 M. RESISTOR CH 1/16W 1.8K 1 | | R5173,74 | ERJ3GEYG102 | | K | 1 | |
| R5073 | Lancon and the second s | M. RESISTOR CH 1/16W 4.7K 1 | | R5176,77 | ERJ3GEYJ470 | | 7 | 2 | |
| R5075 | 1 | M. RESISTOR CH 1/16W 47 1 | | R5179 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 4 | 7 | 1 | |
| R5076-79 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K 4 | | R5181-84 | ERJ3GEYJ470 | | 7 | 4 | |
| R5080 | ERJ3RBD102 | M. RESISTOR CH 1/16W 1K 1 | | R5185,86 | ERJ6GEYJ471 | M. RESISTOR CH 1/10W 47 | | 2 | |
| R5081 | ERJ3RBD821 | M. RESISTOR CH 1/16W 820 1 | | R5187,88 | ERJ6GEY0R00
ERJ3GEYJ470 | | 7 | 2 | |
| R5082-85 | ERJ3GEYJ560 | M. RESISTOR CH 1/16W 56 4 | · · · · · · · · · · · · · · · · · · · | R5189
R5190, 91 | ERJ3GETJ470
ERJ6GEYJ471 | M. RESISTOR CH 1/16W 47 M. RESISTOR CH 1/10W 47 | | 2 | |
| R5086
R5087 | ERJ3RBD822
ERJ3RBD681 | M. RESISTOR CH 1/16W 8.2K 1 M. RESISTOR CH 1/16W 680 1 | | | ERJ6GEY0R00 | | 0 | 2 | |
| R5088 | | M. RESISTOR CH 1/16W 3.3K 1 | | R5194 | | | 7 | 1 | |
| R5089, 90 | ERJ3RBD392 | M. RESISTOR CH 1/16W 3.9K 2 | | R5197 | ERJ3GEYJ470 | M.RESISTOR CH 1/16W 4 | 7 | 1 | |
| R5091 | ERJ3RBD822 | M. RESISTOR CH 1/16W 8.2K 1 | | R5198 | ERJ3GEYG102 | | K | 1 | |
| R5092 | | M.RESISTOR CH 1/16W 10K 1 | | R5199 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2 | | -1 | The state of the s |
| R5093-96 | <u> </u> | M. RESISTOR CH 1/16W 47 4 | | R5200
R5201 | ERJ3GEYJ470
ERJ3GEYG822 | M. RESISTOR CH 1/16W 4 M. RESISTOR CH 1/16W 8.2 | | | |
| R5097~99 | | M. RESISTOR CH 1/16W 1K 3
M. RESISTOR CH 1/16W 75 1 | | R5203 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 6.2 | | 1 | |
| R5100
R5101,02 | | M. RESISTOR CH 1/16W 47 2 | 15; 14,000,000 000 000 000 000 000 000 000 00 | R5204, 05 | ERJ3GEYG332 | M.RESISTOR CH 1/16W 3.3 | | 2 | A STATE OF THE STA |
| R5103 | | M. RESISTOR CH 1/16W 100 1 | | R5210-14 | | M.RESISTOR CH 1/16W 10 | | 5 | |
| R5104 | | M.RESISTOR CH 1/16W 15K 1 | | R5215-19 | | M.RESISTOR CH 1/16W 4 | | 5 | |
| R5105 | ERJ3GEYJ392 | M. RESISTOR CH 1/16W 3.9K 1 | | R5220 | | M. RESISTOR CH 1/16W 47 | | 1 | 93.94.1.34.1.1971 · · · · · · · · · · · · · · · · · · · |
| R5106 | | M.RESISTOR CH 1/16W 33K 1 | | R5221 | | M. RESISTOR CH 1/16W 4.7 | | 1 | AND THE COLUMN TWO IS NOT THE COLUMN TO THE COLUMN TWO IS NOT THE COLUMN TO THE COLUMN TWO IS NOT THE COLUMN TO THE COLUMN TWO IS NOT THE COLUMN TWO IS NO |
| R5107 | | M. RESISTOR CH 1/16W 6.8K 1 | | R5222 | | M. RESISTOR CH 1/16W 4 M. RESISTOR CH 1/16W 4 | | 2 | |
| R5108
R5109 | | M.RESISTOR CH 1/16W 4.7K 1 M.RESISTOR CH 1/16W 47K 1 | A STATE OF THE STA | R5303 | ERJ3RED560 | M. RESISTOR CH 1/16W 5 | | 1 | |
| R5110 | | M. RESISTOR CH 1/16W 4.7K 1 | | | ERJ3RBD271 | M.RESISTOR CH 1/16W 27 | | 2 | |
| R5111 | | M. RESISTOR CH 1/16W 100 1 | | R5306 | ERJ3RBD101 | M.RESISTOR CH 1/16W 10 | | 1 | |
| R5112 | | M.RESISTOR CH 1/16W 1.2K 1 | | | ER.J3RBD331 | M. RESISTOR CH 1/16W 33 | | 2 | |
| R5113 | | M.RESISTOR CH 1/16W 2.2K 1 | | | | M. RESISTOR CH 1/16W 3 | | 2 | |
| R5114, 15 | | M. RESISTOR CH 1/16W 47 2 | | | ERJ3RBD222
ERJ3GEYJ470 | M. RESISTOR CH 1/16W 2.2
M. RESISTOR CH 1/16W 4 | | 2 | |
| R5116, 17 | | M. I. LOTOTOIT OF THE STATE OF | | | | M. RESISTOR CH 1/16W 4 | | 2 | HAMA AND HALLOW THE SECRETARIAN THE SECRETARIAN SECRETARIAN SECRETARIAN SECRETARIAN SECRETARIAN SECRETARIAN SEC |
| R5118, 19
R5120 | | M.RESISTOR CH 1/16W 1.8K 2
M.RESISTOR CH 1/16W 47 1 | | | | M. RESISTOR CH 1/16W 3.3 | | 2 | and the second s |
| R5121 | | M. RESISTOR CH 1/16W 4.7K 1 | A CONTRACTOR OF THE PARTY OF TH | R5319 | | M.RESISTOR CH 1/16W 4 | | 1 | |
| R5122 | | M. RESISTOR CH 1/16W 47 1 | | R5320 | | M.RESISTOR CH 1/16W 2.7 | | 1 | |
| R5123 | | M. RESISTOR CH 1/16W 1K 1 | | R5321 | ERJ3GEYG472 | M.RESISTOR CH 1/16W 4.7 | < | 1 | |
| | | and the state of t | | | | | | | The state of the s |
| L | <u> </u> | | | L | <u> </u> | | | | |

| D.C | H 7 | | —т | | | | | | | | |
|--------------------|----------------------------|---|--|--|----------------------|--------------------|--------------------------|--|--------------|----------|--|
| Ref. | | 70 | | | Re | . No. | Part No. | . Part Name & Desc | rinti | onP | cs Remarks |
| R5325 | | | 33 | 3 | R543 | | RJ3GEYJ470 | M. RESISTOR CH 1/16 | 47 | | 1 Remarks |
| R5327 | | | | 2 | R543 | | RJ3GEYJ103 | | | | 1 |
| R5329 | | A 11 BEALANCE | 82 | 1 | R543 | | RJ3GEYJ470
RJ3GEYG102 | | | | 1 |
| R5330 | | | 3K | 1 | | | 336EYJ222 | | | | 1 |
| R5331
R5332 | ERJ3RBD22
ERJ3RED82 | | 20 | 1 | R543 | | RJ3GEYG822 | | | | 1 |
| R5333 | ERJ3RBD33 | | 82 | 1 | R543 | 7 ER | NJ3GEYG682 | M. RESISTOR CH 1/16W | | | |
| R5334 | ERJ3GEYJ2 | | 3K | 1 | R543 | | JJ3GEYJ224 | M. RESISTOR CH 1/16W | 220K | _ | 1 |
| R5335 | ERJ3GEYJ4 | 70 | 17 | 1 | R543 | | J3GEY0R00 | | | | 1 |
| R5336 | ERJ3GEYJ2 | | rK | 1 | R544 | | J3GEYJ821
J3GEYG822 | | | | 1 |
| R5337 | ERJ3RED82 | | 32 | 1 | R544 | | J3GEY0R00 | | | | 1 |
| R5338
R5339 | ERJ3RBD22
ERJ3GEYJ4 | | | 1 | R544 | | J3GEYJ182 | | 0
1.8K | - - | 1 |
| R5340 | ERJ3GEYJ2 | | 7 | 1 | R5446 | ER. | J3GEYJ680 | M. RESISTOR CH 1/16W | 68 | | |
| R5341 | ERJ3GEYJ4 | | 7 | 1 | R544 | | J3GEYJ392 | | 3.9K | | 1 |
| R5342 | ERJ3GEY0R | 00 M.RESISTOR CH 1/16W | 0 | 1 | R5448 | | J3GEYG822 | M. RESISTOR CH 1/16W | 8.2K | | |
| R5343 | ERJ3GEYJ4 | | 7 | 1 | R5450 | | J3GEYJ562
J3GEYG332 | M. RESISTOR CH 1/16W
M. RESISTOR CH 1/16W | ***** | 11 | |
| R5344
R5345 | ERJ3GEYJ33 | | 3 | 1 | R5451 | | J3GEYJ153 | M. RESISTOR CH 1/16W | 3. 3K
15K | | |
| R5346, | 47 ERJ3GEYJ18 | , u sec | | 1 | R5452 | ERJ | J3GEY0R00 | M. RESISTOR CH 1/16W | 0 | + ; | |
| R5348, | | | | 2 | R5454 | | 3GEYJ331 | M. RESISTOR CH 1/16W | 330 | 1 | |
| R5350, | | | | 2 | R5455 | | 36EYJ103 | M. RESISTOR CH 1/16W | 10K | 1 | |
| R5352 | ERJ3GEYG15 | 2 M.RESISTOR CH 1/16W 1.5 | | 1 | R5456
R5457 | | 3GEYJ470
3GEYJ222 | M. RESISTOR CH 1/16W | 47 | 11 | |
| R5353 | ERJ3RBD103 | | | 1 | R5458 | | 3GEYJ470 | M. RESISTOR CH 1/16W M. RESISTOR CH 1/16W | 2.2K | 1 1 | |
| R5354
R5355 | ERJ3RED820
ERJ3RBD103 | 1 1/100 | | | R5460 | | 3GEYJ330 | M. RESISTOR CH 1/16W | 47
33 | 2 | |
| R5356-5 | | | | 1773 | R5462 | ERJ3 | 3GEYJ821 | M. RESISTOR CH 1/16W | 820 | 1 1 | |
| R5359, 6 | | | |) | R5463 | | 3GEYG102 | M. RESISTOR CH 1/16W | 1K | 1 | |
| R5361, 6 | | | | | R5464
R5465 | | 3GEYG472 | M. RESISTOR CH 1/16W | 4.7K | 1 | |
| R5363, 6 | | | 2 | | R5466 | | BRED750 | M. RESISTOR CH 1/16W | 47 | - ! | |
| R5365, 6 | | | | | R5467 | | GEYOROO | M. RESISTOR CH 1/16W M. RESISTOR CH 1/16W | 75
0 | | |
| R5369, 7 | | | | | R5468, | | RED360 | M. RESISTOR CH 1/16W | 36 | 2 | |
| R5371 | ERJ3GEYJ470 | | 1 | | R5470, | | GEYJ470 | M. RESISTOR CH 1/16W | 47 | 2 | |
| R5372 | ERJ3GEYJ103 | | +; | | R5472 | | GEYJ821 | M. RESISTOR CH 1/16W | 820 | 1 | ************************************** |
| R5373 | ERJ3GEYJ182 | M. RESISTOR CH 1/16W 1.8K | 1 | | R5473, | | GEYJ331
GEYG102 | M. RESISTOR CH 1/16W | 330 | 2 | |
| R5374 | ERJ3GEYG472 | | 1 | | R5476, | | | M. RESISTOR CH 1/16W
M. RESISTOR CH 1/16W | 1K | 1 | |
| R5375
R5376-79 | ERJ3GEYJ470
ERJ3GEYG102 | | 1 | | R5479 | | | M. RESISTOR CH 1/16W | 47
47 | 2 | |
| R5380 | ERJ3RBD102 | | 4 | | R5481-8 | | | M. RESISTOR CH 1/16W | 47 | 4 | **** |
| R5381 | ERJ3RBD821 | M. RESISTOR CH 1/16W 1K | | | R5485, 8 | | | M.RESISTOR CH 1/10W | 470 | 2 | |
| R5382-85 | ERJ3GEYJ560 | M. RESISTOR CH 1/16W 56 | 4 | | R5487, 8 | | | M. RESISTOR CH 1/10W | 0 | 2 | |
| R5386 | ERJ3RBD822 | M. RESISTOR CH 1/16W 8.2K | 1 | | R5490, 9 | | | M. RESISTOR CH 1/16W | 47 | 1 | |
| R5387
R5388 | ERJ3RBD681 | M. RESISTOR CH 1/16W 680 | | | R5492, 9 | | | M. RESISTOR CH 1/10W M. RESISTOR CH 1/10W | 470
0 | 2 | **** |
| R5389, 90 | ERJ3RBD332
ERJ3RBD392 | M. RESISTOR CH 1/16W 3.3K M. RESISTOR CH 1/16W 3.9K | 1 | | R5494 | | | M. RESISTOR CH 1/16W | 47 | 1 | |
| R5391 | ERJ3RBD822 | M. RESISTOR CH 1/16W 8.2K | 2 | | R5497 | | EYJ470 | M. RESISTOR CH 1/16W | 47 | 1 | |
| R5392 | ERJ3GEYJ103 | M. RESISTOR CH 1/16W 10K | + ;; | | R5498 | | | M.RESISTOR CH 1/16W | 1K | 1 | |
| R5393-96 | | M. RESISTOR CH 1/16W 47 | 4 | | R5499
R5500 | | EYJ222 I | M. RESISTOR CH 1/16W 2 | | 1 | |
| R5397~99
R5400 | | M. RESISTOR CH 1/16W 1K | 3 | | R5501 | | | M.RESISTOR CH 1/16W
M.RESISTOR CH 1/16W 8. | | 1 | |
| R5401, 02 | ERJ3GEYJ750
ERJ3GEYJ470 | M. RESISTOR CH 1/16W 75 | 1 | | R5503 | | | 1 OF010705 | 1K | | and the same of th |
| R5403 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 47 M. RESISTOR CH 1/16W 100 | 2 | | R5504, 05 | | EYG332 | 1 05010515 | | 2 | |
| R5404 | ERJ3GEYJ153 | M. RESISTOR CH 1/16W 15K | | | R5514 | ERJ3GE | | I.RESISTOR CH 1/16W 1 | •••••• | 1 | |
| R5405 | ERJ3GEYJ392 | M. RESISTOR CH 1/16W 3.9K | 1 | | R5519
R5522 | ERJ3GE
ERJ3GE | | | 47 | 1 | |
| R5406 | ERJ3GEYJ333 | M. RESISTOR CH 1/16W 33K | | | R5601-03 | | | DE010-0- | 47
or | 1 | |
| R5407
R5408 | ERJ3GEYG682
ERJ3GEYG472 | M. RESISTOR CH 1/16W 6.8K | 1 | | R5604, 05 | | | DCC | 0K
47 | 2 | |
| R5409 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 4.7K M. RESISTOR CH 1/16W 47K | | | R5606-08 | ERJ3GE | YJ101 🙀 | RESISTOR CH 1/16W 1 | 00 | 3 | |
| R5410 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 47K | - - | | R5609-11 | ERJ3GE | YJ103 M. | RESISTOR CH 1/16W 1 | OK . | 3 | |
| R5411 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | | | R5612-14
R5615-18 | | | RESISTOR CH 1/16W 2. | | 3 | |
| R5412 | ERJ3GEYJ122 | M. RESISTOR CH 1/16W 1.2K | 1 | | R5619-21 | ERJ3GEY | | RESISTOR CH 1/16W 10 | | 4 | |
| R5413
R5414, 15 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K | 1 | | R5622-39 | ERJ3GEY | | RESISTOR CH 1/16W 2.2
RESISTOR CH 1/16W 10 | | <u>ا</u> | |
| | | M. RESISTOR CH 1/16W 47 | 2 | | R5640 | ERJ3GEY | | | 7 1 | - | |
| | | M.RESISTOR CH 1/16W 33
M.RESISTOR CH 1/16W 1.8K | 2 | 9181 | R5641 | ERJ3GEY | YOROO M. | RESISTOR CH 1/16W | 0 1 | 1 | |
| DC 400 | | M. RESISTOR CH 1/16W 47 | 1 | | R5642 | ERJ3GEY | /J470 M. | RESISTOR CH 1/16W 4 | 7 1 | 1 | AND THE RESERVE TO TH |
| 25.122 | ERJ3GEYG472 | M.RESISTOR CH 1/16W 4.7K | il | | R5643
R5644 | ERJ3GEY
ERJ3RBD | | | 0 1 | | |
| | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | 1 | | R5645 | ERJ3RBD | | RESISTOR CH 1/16W 4.7
RESISTOR CH 1/16W 1.8 | | ļ | |
| DC 10.1 | | M. RESISTOR CH 1/16W 1K | 1 | | R5646 | ERJ3RBD | | HESISTOR CH 1/16W 1.8
RESISTOR CH 1/16W 10 | | | |
| 25.400 | | M. RESISTOR CH 1/16W 0 | 1 | | R5647 | ERJ3RBD | total | RESISTOR CH 1/16W 15 | | ļ | and the second of the second o |
| | | M. RESISTOR CH 1/16W 47 M. RESISTOR CH 1/16W 0 | 2 | | R5648 | ERJ3RBD1 | 103 M. F | RESISTOR CH 1/16W 10F | | t | |
| DC 100 | | M. RESISTOR CH 1/16W 10K | 1 | | R5649
R5650 | ERJ3GEY | | RESISTOR CH 1/16W 100 | | | |
| | | | | and the second s | ny030 | ERJ3RBD3 | 333 M.F | RESISTOR CH 1/16W 33M | | | |
| | | | | | | | | | | l | |
| | | | | | | | | | | _ | 1 |

| r | | | т- | | 1 (· · · · · · · · · · · · · · · · · · | 1 | 1 | _ | |
|--------------|--------------------|---------------------------|--|--|--|---------------------------------------|--|----------|--|
| Ref.No. | Part No. | Part Name & Description | Pc | Remarks | Ref.No. | Part No. | Part Name & Description | Pc | es Remarks |
| R5651 | ERJ3RBD123 | M. RESISTOR CH 1/16W 12K |] 1 | | 105004,05 | XC62DN5002P | ıc | | 2 |
| R5652 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K | 1 | | IC5010 | MC74HC04AF | IC | | 1 |
| R5653 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | | IC5100 | UPC5102GS030 | IC | I | 1 |
| R5654 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | 1 | | 1C5200 | UPC5102GS030 | ıc | T | 1 |
| R5655 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 1 | | 1C5300 | UPC5102GS030 | IC | 1 | 1 |
| R5656 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | ١, | | 1C5400 | UPC5102GS030 | IC | 1 | 1 |
| R5657 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | | | 1C5500 | UPC5102GS030 | lic | H | 1 |
| | | M. RESISTOR CH 1/16W 4.7K | - | | 105600 | UPC5102GS030 | ic | | 3 |
| R5658 | ERJ3RBD472 | | ┼. | | 1 10000 | 01 03 102 03 03 0 | 110 | ł | |
| R5659 | ERJ3RBD182 | M.RESISTOR CH 1/16W 1.8K | 1. | | | | | | |
| R5660 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K | 1 | | P5001 | VJ\$3375B060 | CONNECTOR (FEMALE) | ļ | 1 |
| R5661 | ERJ3RBD153 | M. RESISTOR CH 1/16W 15K | 1 | | P5002 | VJS3900C013 | CONNECTOR (FEMALE) | ļ | 1 |
| R5662 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K | 1 | | P5003 | VJS3900A024 | Ic | | 1 |
| R5663 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 1 | | | | | 1 | |
| R5664 | ERJ3RBD333 | M. RESISTOR CH 1/16W 33K | 1 | | 05100,01 | XN5531 | TRANSISTOR-RESISTOR | 1 | 2 |
| R5665 | ERJ3RBD123 | M. RESISTOR CH 1/16W 12K | † 7 | | 05200,01 | XN5531 | TRANSISTOR-RESISTOR | | 2 |
| R5666 | ERJ3RBD103 | M. RESISTOR CH 1/16W 10K | + ; | | 05300,01 | XN5531 | TRANSISTOR-RESISTOR | ļi | 2 |
| | ERJ3GEYJ101 | | ł ; | | 05400,01 | XN5531 | TRANSISTOR-RESISTOR | 1 | 2 |
| R5667 | | | ⊢: | | | | | | 2 |
| R5670 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | <u> </u> | | 05500,01 | XN5531 | TRANSISTOR-RESISTOR | | 2 |
| R5671-75 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 5 | | 05600,01 | XN5531 | TRANSISTOR-RESISTOR | 13 | 2 |
| R5676 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | 1 | | 11 | ļ | | ļ | |
| R5677-84 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W 0 | 8 | | R5100 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | | 1 |
| R5685 | ERJ3RBD121 | M. RESISTOR CH 1/16W 120 | 1 | | R5101,02 | ERJ3GEYJ101 | MLRESISTOR CH 1/16W 100 | : | 2 |
| R5686 | ERJ3RBD181 | M. RESISTOR CH 1/16W 180 | 1 | | R5103 | ERJ3GEYJ100 | M. RESISTOR CH 1/16W 10 | | 1 |
| R5687 | ERJ14YJ180 | M. RESISTOR CH 1/4W 18 | 1 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | R5104,05 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | | 2 |
| R5688 | ERJ12YJ2R2 | M. RESISTOR CH 1/2W 2.2 | 1 | | R5106,07 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | _ | 2 |
| R5689-91 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 3 | | R5108,09 | ERJ3GEYJ330 | M. RESISTOR CH 1/16W 33 | | 2 |
| | | M. RESISTOR CH 1/16W 0 | 1 , | | R5110 | ERJ3GEYJ680 | M. RESISTOR CH 1/16W 68 | | 1 |
| R5692-95 | ERJ3GEY0R00 | W. INCOIDING OF 1/10W U | + ⁴ | | | · · · · · · · · · · · · · · · · · · · | | <u> </u> | 2 |
| | | les w | 1 | | | ERJ36EYJ470 | M. RESISTOR CH 1/16W 47 | <u> </u> | <u> </u> |
| RY5001 | VSY2069 | RELAY | ↓ ¹ | | R5113 | ERJ3GEYJ123 | M. RESISTOR CH 1/16W 12K | | 1 |
| RY5301 | VSY2069 | RELAY | 1 | | R5114 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K | | 1} |
| | | | ļ | | R5115,16 | ERJ3GEYJ470 | M.RESISTOR CH 1/16W 47 | 2 | 2 |
| TG5001-05 | VJR0646 | TEST POINT | 5 | · | R5200 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | 1 | 1 |
| | | | | | R5201,02 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 2 | 2 |
| TP5001,02 | VJR0646 | TEST POINT | 2 | | R5203 | ERJ3GEYJ100 | M.RESISTOR CH 1/16W 10 | 1 | 1 |
| TP5010, 11 | | TEST POINT | 2 | · · · · · · · · · · · · · · · · · · · | R5204, 05 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K | 2 | 2 |
| TP5015, 16 | | TEST POINT | 2 | | R5206,07 | ERJ3GEYJ470 | M.RESISTOR CH 1/16W 47 | | 2 |
| TP5017-20 | | TEST POINT | - 7 | | | | M. RESISTOR CH 1/16W 33 | 2 | 2 |
| | | | | | | | | | 11 |
| TP5050-55 | | TEST POINT | 6 | | R5210 | • | M. RESISTOR CH 1/16W 68 | | 1 |
| TP510005 | VJR0646 | TEST POINT | 6 | | | | M. RESISTOR CH 1/16W 47 | 2 | 2 |
| | | | | | R5213 | | M. RESISTOR CH 1/16W 12K | 1 |]
 |
| VR5001 | EVMEASA00B24 | V. RESISTOR 20K | 1 | | R5214 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K | 1 | 1 |
| VR5301 | EVMEASA00B24 | V.RESISTOR 20K | 1 | | R5215, 16 | ERJ3GEYJ470 | M.RESISTOR CH 1/16W 47 | 2 | 2 |
| | | | | | R5300 | ERJ3GEYJ103 | M.RESISTOR CH 1/16W 10K | 1 | 1 |
| | | MISCELLANEOUS | | | R5301,02 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 | 2 | 2 |
| | | | | | R5303 | ERJ3GEYJ100 | M. RESISTOR CH 1/16W 10 | 1 | 1 |
| | VSC3626 | HEAT SINK (A) | 2 | MILE 12 11 11 11 11 11 11 11 11 11 11 11 11 | R5304,05 | | M.RESISTOR CH 1/16W 1K | 2 |) |
| | XNG3BS | NUT | 2 | | R5306, 07 | | M. RESISTOR CH 1/16W 47 | 2 | |
| | XYN3+F12S | SCREW | 2 | 00000000000000000000000000000000000000 | l I | | M. RESISTOR CH 1/16W 33 | 2 | |
| | VML2143 | CARD PULLER | 1 | | | | M. RESISTOR CH 1/16W 68 | 1 | - |
| | | | H | | | | | | |
| | VML2144 | CARD PULLER |]] | | | | M. RESISTOR CH 1/16W 47 | - | |
| | | | | | | | M. RESISTOR CH 1/16W 12K | 1 | |
| | | | ļ | | R5314 | | M.RESISTOR CH 1/16W 2.2K | 1 | |
| | | | ļ | | | | M.RESISTOR CH 1/16W 47 | 2 | 2 |
| | | | | · | | | M.RESISTOR CH 1/16W 10K | 1 | |
| | | | <u> </u> | | R5401,02 | | M.RESISTOR CH 1/16W 100 | 2 | |
| ≡ E14 | VEP85174A | HEAD AMP P.C.BOARD | 1 | (RTL) | R5403 | ERJ3GEYJ100 | M.RESISTOR CH 1/16W 10 | 1 | |
| | | | | | R5404, 05 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | 2 | |
| | | | | | R5406,07 | ERJ3GEYJ470 | M.RESISTOR CH 1/16W 47 | 2 | |
| C5001 | ECEVICV470Q | E. CAPACITOR CH 16V 47U | 1 | | | | M. RESISTOR CH 1/16W 33 | 2 | |
| | | E. CAPACITOR CH 16V 10U | 1 | , | | | M. RESISTOR CH 1/16W 68 | 1 | 1 |
| C5002 | | E. CAPACITOR CH 16V 47U | <u>-</u> | | | | M. RESISTOR CH 1/16W 47 | , | |
| | | E. CAPACITOR CH 16V 10U | | THE RESERVE OF THE PROPERTY OF | | | M. RESISTOR CH 1/16W 12K | 1 | |
| | | | | 51.4. V A4.4.1.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1. A4.4.1 | The second secon | | | | |
| | | E. CAPACITOR CH 16V 47U | ⊢ <u>¦</u> l | | | | M. RESISTOR CH 1/16W 2.2K | | |
| | | E. CAPACITOR CH 16V 10U | 6 | | | | M. RESISTOR CH 1/16W 47 | 2 | |
| | | C. CAPACITOR CH 25V 0.1U | 12 | | | | M. RESISTOR CH 1/16W 10K | 1 | |
| | , | C. CAPACITOR CH 25V 0.1U | 12 | | | | M.RESISTOR CH 1/16W 100 | 2 | |
| C5200-11 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 12 | | | | M.RESISTOR CH 1/16W 10 | 1 | |
| C5300-11 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 12 | | R5504,05 | ERJ3GEYG102 | M.RESISTOR CH 1/16W 1K | 2 | |
| C5400-11 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 12 | | R5506,07 | ERJ3GEYJ470 I | M.RESISTOR CH 1/16W 47 | 2 | |
| | | C. CAPACITOR CH 25V 0.1U | 12 | | R5508, 09 | | M. RESISTOR CH 1/16W 33 | 2 | |
| | , | C. CAPACITOR CH 25V 0.1U | 12 | attant 18 il de le calemente commence de | | | M. RESISTOR CH 1/16W 68 | 1 | |
| | | | | | | | M. RESISTOR CH 1/16W 47 | , | |
| FI 5001 . 02 | VLF1016A470 | FILTER | 3 | | h | | M. RESISTOR CH 1/16W 12K | - | |
| 1 EJUUIU3 | VLF IVIOA4/V | I ICILA | | | | | ······································ | -; | The state of the s |
| LCECO1 OF | V000 4 D C 0 0 0 0 | 10 | | | | | M. RESISTOR CH 1/16W 2.2K | -4 | |
| 10001-03 | XC62AP5002P | 16 | 3 | | R5515, 16 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 | 2 | |
| | | | | | | | | | |
| | | | | | L | | | ╛ | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | |

| | | | _ | <u></u> | | | | | | |
|---|---|--|-----------------|--|---|---------------------------------------|------------|---|----------|--|
| Ref. N | | | nPc | s Remarks | Ref.N | No. | Part No. | Part Name & Description | 'n | Pcs Remarks |
| R5600 | ERJ3GEYJ10 | |] 1 | | IC5 | | JM78L09UA | IC Description | ~ | 1 Remarks |
| | 02 ERJ3GEYJ10 | | 2 | | 106 | N. | JM79L09UA | IIC | 1 | 1 |
| R5603 | ERJ3GEYJ100 | | _ _ 1 | | IC201, | 02 M | C14021BF | IC | + | 2 |
| R5604,0 | | | 2 | | IC203 | SM | N74S1051NS | IC | | 1 |
| R5606,0 | | | 2 | | IC205, | 06 MK | C14094BF | IC | + | 2 |
| R5608,0 | | | 2 | | IC207 | MC | C14050BF | IC | + | 1 |
| R5610 | ERJ3GEYJ680 | | 1 | | 10208 | MC | C14049UBF | 1C | | 11 |
| R5611,1 | | | 2 | | 1C209 | N. | JM78L09UA | IC | 7 | 1 |
| R5613
R5614 | ERJ3GEYJ123 | | 1 | | IC210 | NJ | JM79L09UA | IC | + | 1 |
| | ERJ3GEYJ222 | | 1 | | J. | | | | 7 | |
| R5615,1 | | | 2 | | J2, J3 | ٧J | JS3901 | CONNECTOR (FEMALE) | f | 2 |
| N3017-2 | 22 ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 6 | | J4, J5 | ٧J | JS3902 | CONNECTOR (FEMALE) | 1 | 2 |
| TG5001 | V IDOCAC | TEGT DOLLAR | ļ | | J14, 15 | ٧J | JP3414A009 | CONNECTOR (MALE) | + | 2 |
| 103001 | VJR0646 | TEST POINT | 11 | | J16 | ٧J | JP3414A015 | CONNECTOR (MALE) | † | 11 |
| | | | | | J17, 18 | ۷J | JP3414A025 | CONNECTOR (MALE) | 1 | 2 |
| | | MISCELLANEOUS | ļ | | | | | | 1 | |
| | VMP5846 | RF ANGLE | - | | L1 | VL | 0EL05F101J | COIL 100UH | 1 | 1 |
| *************************************** | XTV3+6FFR | SCREW | 1 | | | | | | T | |
| | VEE9862 | GND CABLE | 2 | | P1 | VJI | P3375A060 | CONNECTOR (MALE) | 7 | 1 |
| | VEL-3002 | CABLE | | | | | | | 1 | |
| | | | | | Q9 | | A1022-C | TRANSISTOR | 1 | 1 |
| | | | | *************************************** | 010 | | C2295 | TRANSISTOR | | 1 |
| | | | \vdash | | 011 | | B709A-R | TRANSISTOR | Ι | 1 |
| | _ | | $\vdash \vdash$ | | 012, 13 | | D601A-R | TRANSISTOR | Γ | 2 |
| ■ E15 | VEP80991A | A/C HEAD I/F P.C.BOARD | -, | (RTL) | 014 | | B709A-R | TRANSISTOR | | 1 |
| | | A/O ILAD I/I F.C.BOAND | | (RIL) | 015, 16 | | D601A-R | TRANSISTOR | | 2 |
| | | | \vdash | | 017 | | B709A-R | TRANSISTOR | | 1 |
| P1 | VJP2278 | CONNECTOR (MALE) | 1 | | 018, 19 | | D601A-R | TRANSISTOR | | 2 |
| P2 | VJP1881T | CONNECTOR (MALE) | | | 020 | | 3709A-R | TRANSISTOR | L | 1 |
| | | (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | KIP-dament Michigan (Michigan Cara) | 021,22 | | 0601A-R | TRANSISTOR | <u> </u> | 2 |
| | | | | | 023 | | 3709A-R | TRANSISTOR | | 1 |
| | | | | | 024, 25 | | 0601A-R | TRANSISTOR | | 2 |
| | | | | | 026 | | 3709A-R | TRANSISTOR | | 1 |
| | | | | | 027, 28 | | 0601A-R | TRANSISTOR | 1 | 2 |
| ■ E16 | VEP83417B | V/S JACK P.C. BOARD | 1 (| RTL) | 0201-12 | UN2 | 214 | TRANSISTOR-RESISTOR | 12 | 2 |
| | *************************************** | | | | R33 | | CDCDZCA | | | |
| | | | | ***** | R34 | | 6RED750 | M. RESISTOR CH 1/10W 75 | ! | |
| C1, C2 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | | R35 | | | M. RESISTOR CH 1/10W 47 | 1 | |
| C4 | ECA1CXS470 | E. CAPACITOR 16V 47U | 1 | | R36 | | 6GEYG332 | M. RESISTOR CH 1/10W 330K | 1 | |
| C5, C6 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | | R37, 38 | | | M. RESISTOR CH 1/10W 3.3K M. RESISTOR CH 1/10W 47 | 1 | |
| C8 | ECA1CXS470 | E. CAPACITOR 16V 47U | 1 | 18 Mb | R39 | | | | 2 | |
| C9,10 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | ****** | R40 | | | | _! | |
| C11 | ECUX1H270JCV | C. CAPACITOR CH 50V 27P | 1 | | R41, 42 | ***** | | | 1 | |
| C12, 13 | ECUM1E104ZFN | C. CAPACITOR CH 25V 0.1U | 2 | *************************************** | R43 | ~~ | | | - 2 | |
| C14 | ECUX1H270JCV | C. CAPACITOR CH 50V 27P | 1 | | R44 | | | M.RESISTOR CH 1/10W 47 M.RESISTOR CH 1/10W 2.2K | | |
| C15, 16 | | C. CAPACITOR CH 25V 0.1U | 2 | MICHAEL CO. 1911. | R45, 46 | | | M. RESISTOR CH 1/10W 220 | 2 | |
| C17 | | C. CAPACITOR CH 50V 27P | 1 | | R47 | | | M. RESISTOR CH 1/10W 75 | 1 | |
| C18, 19 | | C. CAPACITOR CH 25V 0.1U | 2 | | R48-50 | | | M. RESISTOR CH 1/10W 2.2K | ٠ | |
| C20 | | | 1 | | R51 | | | M. RESISTOR CH 1/10W 47 | 1 | |
| C21, 22 | | | 2 | d House and Oktober Millian or pro- | R52 | | | M. RESISTOR CH 1/10W 2.2K | 1 | |
| C23 | | C. CAPACITOR CH 50V 27P | 1 | The same of the sa | R53, 54 | ERJ6 | | M. RESISTOR CH 1/10W 220 | 2 | |
| C24, 25 | | C. CAPACITOR CH 25V 0.1U | 2 | | R55 | | | M. RESISTOR CH 1/10W 75 | 1 | |
| C26 | | C. CAPACITOR CH 50V 27P | 1 | | R56-58 | ERJ60 | | W. RESISTOR CH 1/10W 2.2K | 3 | 778 hannes (1886) |
| C27 | | C. CAPACITOR CH 25V 0.1U | 1 | | R59 | ERJ60 | | M. RESISTOR CH 1/10W 47 | 1 | |
| C28, 29
C30 | ECA1CXS470 | E. CAPACITOR 16V 47U | 2 | | R60 | ERJ60 | | A.RESISTOR CH 1/10W 2.2K | 1 | 0.0000000000000000000000000000000000000 |
| | | C. CAPACITOR CH 25V 0.1U | 1 | | R61,62 | ERJ60 | | A.RESISTOR CH 1/10W 220 | 2 | |
| C31, 32
C33-38 | | A A.B. A. B. B. A. B. B. A. B. B. B. B. B. B. B. B. B. B. B. B. B. | 2 | | R63 | ERJ6F | | A.RESISTOR CH 1/10W 75 | 1 | |
| C50, 51 | | | 6 | | R64-66 | ERJ60 | | I.RESISTOR CH 1/10W 2.2K | 3 | |
| C203 | | C. CAPACITOR CH 25V 0.1U | 2 | | R67 | | GEYG470 N | I.RESISTOR CH 1/10W 47 | 1 | |
| C203 | | C. CAPACITOR CH 50V 330P | 4 | | | ERJ66 | GEYG222 | I.RESISTOR CH 1/10W 2.2K | 1 | |
| | | | 4 | | V-44-4 | ERJ6G | | I.RESISTOR CH 1/10W 220 | 2 | 18 1 Maria Maria (1907) (1907) (18 Maria (1907) (1907) (1907) (1907) |
| C240-42 | | E. CAPACITOR 16V 10U | 3 | 7.18.14. | | | RED750 M | RESISTOR CH 1/10W 75 | 1 | |
| C243 | | E. CAPACITOR 16V 47U | 4 | | | | EYG222 | RESISTOR CH 1/10W 2.2K | 3 | No. of control of the state of |
| C250-57 | | C. CAPACITOR CH 25V 0.1U | 1 | enger at the law common or the territoria become one of the law common of the law co | | | ÆYG470 M | RESISTOR CH 1/10W 47 | 1 | |
| V2JU-3/ | CCUMIC 104ZFN | C. CAPACITOR CH 25V 0.1U | 8 | | **** ********************************** | | EYG222 | .RESISTOR CH 1/10W 2.2K | 1 | |
| D5 | MA152K | DIODE | | | | · · · · · · · · · · · · · · · · · · · | EYG221 | RESISTOR CH 1/10W 220 | 2 | |
| | | D100E (| ! | 7,44 | | ERJ6RI | | RESISTOR CH 1/10W 75 | 1 | 11.60 / |
| | | DIODE | | · · · · · · · · · · · · · · · · · · · | | | | RESISTOR CH 1/10W 2.2K | 3 | The second secon |
| , ۷೭ | m-7.) √∠N | DIVUE | 4 | | f | | | RESISTOR CH 1/10W 47 | 1 | |
| IC1 | NJM78L09UA | IC 1 | J | | | | | RESISTOR CH 1/10W 2.2K 1 | 1 | |
| | | IC 1 | 4 | | | | EYG221 M. | RESISTOR CH 1/10W 220 2 | 2 | Commence of the second |
| | ···· | IC 1 | 4 | | | ERJ6RE | | RESISTOR CH 1/10W 75 1 | ı | |
| | | IC 1 | | | | | | RESISTOR CH 1/10W 2.2K 1 | ı | |
| | | | ł | | R201,02 | ERJ6GE | EYG682 M. | REISITOR CH 1/10W 6.8K 2 | 2 | |
| | | | ļ | | | | | Aldrew over consumer | | |
| | | | | | | | | | L | |

| | | | | | | L 5 . 11 | ID . N . O | <u>_</u> | D) |
|----------------------|--------------------------|---------------------------|----------------|--|------------|--------------------|---------------------------|--------------|--|
| Ref.No. | | Part Name & Description | Pcs | Remarks | Ref.No. | Part No. | Part Name & Description | 1120 | Remarks |
| R203 | | M. RESISTOR CH 1/10W 10K | 1 | | P1102,03 | | CONNECTOR (MALE) | ļ | 2 |
| R204 | | M. RESISTOR CH 1/10W 470K | 1 | | P1104 | VJP4033 | CONNECTOR (MALE) | | 1 |
| R205 | | M. RESISTOR CH 1/10W 10K | 1 | | | 100/1011 5 | TRANSICTOR | ╁ | 0 |
| | | M. RESISTOR CH 1/10W 470K | 1 | | | 2SK1941-R | TRANSISTOR | + | 1 |
| R207 | | M. RESISTOR CH 1/10W 22K | 1 | | Q1105 | UN2213 | TRANSISTOR-RESISTOR | | |
| | | M. RESISTOR CH 1/10W 100 | | ASSESSED 1 | A D1101 | ERC12AGM334 | S. RESISTOR 1/2W 330K | +- | 1 |
| | | M. RESISTOR CH 1/10W 10K | 24 | | ⚠ R1101 | ERU5TEJ100 | F. RESISTOR 5W 10 | + | 2 |
| | | M. RESISTOR CH 1/10W 10K | | | ⚠ R1102,03 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | +- | 1 |
| | ERJ6GEYG474 | M. RESISTOR CH 1/10W 470K | 1 | | R1104 | ERG2SJ220 | M. RESISTOR CH 1/10W 10K | H | 2 |
| | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | | | R1105,06 | VRE0206 | M. RESISTOR | 1 | 1 |
| ⚠ R244 | ER012HJ2R7 | F.RESISTOR 1/2W 2.7 | I | | R1108 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | - | 1 |
| R251-55 | ERJ6GEY0R00 | M.RESISTOR CH 1/10W 0 | | | R1109 | ERJ14YJ220 | M. RESISTOR CH 1/4W 22 | H | 1 |
| OWA | V000 20 7 | CWITCH | 1 | | R1110 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | | 1 |
| SW2 | VSS0307 | SWITCH | | | R1111 | ERJ14YJ220 | M. RESISTOR CH 1/4W 22 | † | 1 |
| | | MISCELLANEOUS | | | R1112 | ERJ14YJ100 | M. RESISTOR CH 1/4W 10 | | 1 |
| MAI 174-40 177 | | MISCELLANEOUS | | | R1113 | ERJ12YJ473 | M. RESISTOR CH 1/2W 47K | 1 | 1 |
| | VMP5684 | P. C. BOARD ANGLE | 1 | | R1114 | ERJ6GEYF123 | M. RESISTOR CH 1/10W 12K | t | 1 |
| | VMP4866 | D SUB ANGLE | - - | | R1115, 16 | ERJ6GEYG221 | M. RESISTOR CH 1/10W 220 | | 2 |
| | VXQ0102 | SCREW | 10 | | R1117, 18 | ERG3SJ333 | M. RESISTOR 3W 33K | T | 2 |
| | XTN26+6FFZ | SCREW | 4 | | R1119 | ERJ6RBD273 | M. RESISTOR CH 1/10W 27K | | 1 |
| | XTN3+10JFZ | SCREW | 4 | The second secon | R1120 | ERJ6RBD183 | M. RESISTOR CH 1/10W 18K | 1 | 1 |
| | XYE3+EF8 | SCREW | 2 | | R1122 | ERJ12YJ473 | M. RESISTOR CH 1/2W 47K | T | 1 |
| | , | | - | | R1123 | ERJ14YJ474 | M. RESISTOR CH 1/4W 470K | T | 1 |
| | | | | | R1125 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | T | 1 |
| | | | | | R1127 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | 1 | 1 |
| | | | | ALCO DE LA COLONIA DE LA COLON | R1129 | ERJ14YJ474 | M. RESISTOR CH 1/4W 470K | 1 | 1 |
| | | | | | R1130 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | 1 |
| ■ E17 | VEP81183A | POWER 1 P.C.BOARD | 1 | (RTL) | R1131 | ERJ6GEYG221 | M. RESISTOR CH 1/10W 220 | 1 | 1 |
| | | | | - | R1132 | ERJ6GEYG470 | M. RESISTOR CH 1/10W 47 | | 1 |
| | | | | | R1133 | ERJ6GEYG390 | M. RESISTOR CH 1/10W 39 | 1 | 1 |
| ⚠ C1101 | ECQU2A224MV | P. CAPACITOR 100V 0.22U | 1 | | R1134, 35 | ERJ14YJ224 | M.RESISTOR CH 1/4W 220K | | 2 |
| | VCK0262K471A | | 2 | | R1136 | ERJ14YJ154 | M.RESISTOR CH 1/4W 150K | Γ. | 1 |
| ⚠ C1104 | ECQU2A474MV | P. CAPACITOR 100V 0.47U | 1 | | R1137 | ERJ6RBD103 | M.RESISTOR CH 1/10W 10K | Ι | 1 |
| ⚠ C1105,06 | | C. CAPACITOR 100P | 2 | | R1138 | ERJ6GEYF472 | M.RESISTOR CH 1/10W 4.7K | L | 1 |
| ⚠ C1107,08 | | C. CAPACITOR 1500P | 2 | | R1139-41 | ERJ12YJ154 | M.RESISTOR CH 1/2W 150K |] : | 3 |
| ⚠ C1109 | | C. CAPACITOR 1000P | 1 | | R1142 | ERJ6RBD272 | M.RESISTOR CH 1/10W 2.7K | | 1 |
| | ECUM1H104ZFN | C. CAPACITOR CH 50V 0.1U | 2 | | R1143,44 | ERJ12YJ224 | M. RESISTOR CH 1/2W 220K |] : | 2 |
| C1112 | VCK0293 | C. CAPACITOR | 1 | | R1145 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | L | 1 |
| C1115, 16 | VCK0106K471 | C. CAPACITOR 470P | 2 | | R1146 | VRT0142 | THERMISTOR | | 1 |
| C1117, 18 | ECEC2WC151EB | E. CAPACITOR 450V 150U | 2 | | R1147 | ERG2SJ471 | M.RESISTOR 2W 470 | ļ | 1 |
| C1119,20 | VCK0106K471 | C. CAPACITOR 470P | 2 | | R1148-50 | ERJ12YJ154 | M.RESISTOR CH 1/2W 150K | | 3 |
| C1121 | ECA1HXLV100 | E. CAPACITOR 50V 10U | 1 | | R1151 | ERJ6RBD223 | M. RESISTOR CH 1/10W 22K | | |
| C1122 | ECA1HXS100 | E. CAPACITOR 50V 10U | 1 | | R1153,54 | ERJ12YJ473 | M.RESISTOR CH 1/2W 47K | ***** | 2 |
| C1124, 25 | ECUM1E474ZFM | C. CAPACITOR CH 25V 0.47U | 2 | | R1155, 56 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 3 | 2 |
| C1126 | ECUM1H102KBN | C. CAPACITOR CH 50V 1000P | 1 | | R1158 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | 1 |
| C1127 | ECOV1H684JF | P. CAPACITOR 50V 0.68U | 1 | | R1159 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | | |
| C1128 | | E. CAPACITOR 50V 100U | 1 | | R1160 | ERJ6RED224 | M. RESISTOR CH 1/10W 220K | | |
| C1129 | | C. CAPACITOR CH 50V 0.01U | 1 | | R1161 | ERJ6RBD104 | M. RESISTOR CH 1/10W 100K | | 1 |
| C1130 | , | C. CAPACITOR CH 50V 0.1U | 1 | | R1162 | | M. RESISTOR CH 1/10W 330K | - | 1 |
| C1131 | | P. CAPACITOR 630V 2200P | 1 | | R1163 | | M. RESISTOR CH 1/10W 470K | | |
| C1132, 33 | | C. CAPACITOR CH 50V 0.1U | 2 | | R1165 | | M. RESISTOR CH 1/10W 27K | - | 1 |
| C1134 | ECUM1H472KBN | C. CAPACITOR CH 50V 4700P | 1 | | R1166 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | - | |
| | | | | | VD1100 | VDV0100501 | V DECICTOD FOO | ⊢, | 1 |
| D1101 | R8V606 | DIODE | 1 | MANAL BUTTON OF THE STATE OF TH | VR1102 | VRV0109B501 | V.RESISTOR 500 | ļ' | |
| D1102 | TW1661S-L | DIODE | 1 | | | <u> </u> | MICCELL ANEMIC | | |
| D1103 | UIGU44 | DIODE | 1 | | | | MISCELLANEOUS | | |
| D1104 | FML-36S | DIODE | 1 | The second secon | <u> </u> | VMZ0965 | CAPACITOR COVER | 1 3 | |
| D1105, 06 | ERA15-08 | DIODE | 2 | | <u> </u> | | CAPACITOR COVER | | 4 |
| D1107, 08 | MA3200-M | DIODE | 2 | | 477 | VMZ1608
VSC4708 | HEAT SINK (A) | ļ , | |
| D1110 | MA151K | DIODE | 1 | 19-14-1 | | XYE3+EF8 | SCREW | 2 |) |
| D1111-13 | U1GU44 | DIODE | 2 | | | XYN3+F6FZS | SCREW | - | 1 |
| D1114, 15 | MA3068-M | DIODE | 1 | | | XYN3+F6F25 | SCREW | | 5 |
| D1116 | MA3200-M | DIODE | 1 | | | XYN3+F10 | SCREW | H | |
| D1117 | W151K | DIODE | | | | VJR1008 | EARTH LUG | 3 | 3 |
| 101101 | 111222500 | I.C. | 1 | N. D. 1971-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | | VJF1348 | BINDER | 1 | |
| IC1101 | MC33262P
M51945BL | IC
IC | 1 | | | . 51 . 5 . 5 | | Ħ, | |
| IC1102
IC1103 | M51945BL | 16 | | AND THE RESIDENCE OF THE PROPERTY OF THE PROPE | | | | t | |
| 101103 | M112/3DL | 10 | - | | | | | † | |
| A 1101 | E E 1 9 DO E A C | FILTER | 1 | The second secon | | | | 1 | and the same of th |
| <u> </u> | ELF18D850C
ELF18D604F | FILTER | 2 | CALBURY CONTROL OF THE STREET | ■ E18 | VEP81184A | POWER 2 P.C.BOARD | 1 | I (RTL) |
| £ L1102, 03
L1105 | VL00820 | COIL | 1 | | | | | <u> </u> | |
| L1103 | TALUUOZU | I VOIL | | | C1002.03 | ECUM1H222KBN | C. CAPACITOR CH 50V 2200P | 2 | 2 |
| P1101 | VJP2638 | CONNECTOR (MALE) | 1 | | | | C. CAPACITOR CH 50V 0.1U | 4 | |
| 11101 | 11.4 ZUJO | CONTROL (WILL) | 1 | | | | | l | |
| | | | | | | | | ļ | THE REAL PROPERTY OF THE PROPE |
| L | L | <u> </u> | | | L | · | <u> </u> | _ | |

| D C | N D | | | r - r | | | | | | |
|--------------------|------------------------------|--|----|-------------|-----------------------|--------------|-----------------------------|---|----------|--|
| Ref. | | | | Pcs Remarks | | . No. | Part No | o. Part Name & Descripti | ion | Pcs Remarks |
| C1009 | | | | 3 | D103 | | FMB-G14L | D100E | | 1 Remarks |
| C1011 | | | IU | 1 | D103 | | FML-G12SP | DIODE | | 1 |
| C1012 | | | | 1 | D103 | 7,38
q | MA3075-M
MA3240-H | DIODE
DIODE | | 2 |
| C1013 | | | U | 1 | D104 | | MA3160-L | DIODE | | 1 |
| C1015 | | | | 1 | | | MA3130-L | DIODE | | 3 |
| C1016
C1017 | | | | 1 | D104 | | MA3160-L | DIODE | | 1 |
| C1017 | | | | 1 | D104 | | U05NU44 | DIODE | + | 2 |
| C1019 | | | | 1 | D104 | | EG01C | DIODE | 7 | 1 |
| C1020 | | | | 11 | D104 | | U1GU44 | DIODE | | 1 |
| C1021 | ECHU1H471 | | | 11 | D104 | | MA3240-H
EG01C | DIODE | | 1 |
| C1022 | ECUM1H562 | KBN C. CAPACITOR CH 50V 5600 | Р | 1 | D104 | | U1GU44 | D10DE
D10DE | 4 | 1 |
| C1023 | ECUMTE104 | | U | 1 | D1051 | | MA3240-H | DIODE | | 1 |
| C1024
C1026 | ECUM1H104 | | | 1 | D1052 | | MA151K | DIODE | + | 1 |
| C1027, | ECUM1E474
28 ECUM1H104 | | | | | | | | | |
| C1040, | | | | 2 | | | FA5311BP | IC | 1 | 2 |
| C1042 | EEUFA1V47 | | | 11 | | | UPC1093J | IC | | 2 |
| C1043 | EEUFA1E33 | | | 1 | IC101 | | UPC393C | 16 | \perp | 1 |
| C1044, | | PLE E. CAPACITOR 16V 2200F | | 2 | 10101 | 4 | P030RV31 | 10 | 1 | 1 |
| C1046 | EEUFA1E68 | | | 1 | L1012 | | /L00479 | COIL | | 1 |
| C1047,
C1049 | 48 ECA1CXL10
ECA1VHG47 | | | 2 | L1013 | | /L00605 | COIL | + | 1 |
| C1049 | ECATEXLV10 | | | 1 | L1014 | ٧ | /LQ0655K220 | COIL | | 1 |
| C1051- | | | | 3 | L1015, | | /L00605 | COIL | | 2 |
| C1054 | ECUM1E104 | | | 1 | L1017 | | /L00354 | COIL | 1 | 1 |
| C1055 | ECUM1H104Z | FN C. CAPACITOR CH 50V 0.1U | | 1 | L1018 | | L00655K220
LP0074 | COIL | | 1 |
| C1056 | | BM C. CAPACITOR CH 25V 0.1U | | 1 | L1021, | | LP0074 | COIL | - J | 1 |
| C1059 | | FN C. CAPACITOR CH 50V 0.1U | | 1 | | | D 00/4 | ICOIL | + | 2 |
| C1060
C1062 | VCK0106K15 | CN C. CAPACITOR CH 50V 120P | | 1 | P1011 | V. | JP2824B003 | CONNECTOR (MALE) | | 1 |
| C1063 | ECA1VXLV47 | 1001 | - | 1 | P1012 | V. | JP2824B009 | CONNECTOR (MALE) | 1 | 1 |
| C1065 | VCK0106K15 | | - | 1 | P1013 | | JP2824B008 | CONNECTOR (MALE) | | l |
| C1066 | ECA1VXLV47 | | + | 11 | P1014
P1015 | | JP1243T
JP4033 | CONNECTOR (MALE) 3P | | |
| | 8 ECOE6473KF | P. CAPACITOR 630V 0.047U | 1 | 2 | 1 1013 | - 1 | JP4033 | CONNECTOR (MALE) | 1 | |
| C1069-7 | | 1001 | | 7 | 01002, | 3 25 | D1478-R | TRANSISTOR | 2 | |
| C1076-7 | 8 EEUFA1A8226
ECUM1H121J0 | | 1 | 3 | 01004 | | 8710-R | TRANSISTOR | 1 | |
| C1080, 8 | | TEO! | | | 01005 | | 12213 | TRANSISTOR-RESISTOR | ; | - The state of the |
| C1083 | ECUM1H104ZF | | 2 | | 01006,0 | | B709-R | TRANSISTOR | 2 | |
| C1085 | EEUFA1C222L | | 1 | | 01011, 1
⚠ 01013–1 | | K2258-01 | TRANSISTOR | 2 | |
| C1086 | ECUMIH102KB | N C. CAPACITOR CH 50V 1000P | 1 | | 01017 | | 2561L1V1 W L
2214 | TRANSISTOR | 3 | |
| C1087 | ECUM1H104ZF | | 1 | I | 01018 | | 2211 | TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR | 1 | |
| C1088
C1089 | EEUFA1A822E
ECA1HXS100 | | 1 | | 01019 | | 2111 | TRANSISTOR-RESISTOR | - | |
| C1090-93 | | E. CAPACITOR 50V 10U
C. CAPACITOR CH 50V 0.1U |] | | △ 01020 | PS2 | 2561L1V1WL | TRANSISTOR | 1 | |
| C1094 | | C. CAPACITOR CH 50V 1000P | 1 | | 01022 | *** | 2113 | TRANSISTOR-RESISTOR | 1 | |
| C1095 | ECUM1E474ZFI | C. CAPACITOR CH 25V 0.47U | Ħi | | 01023 | | 2213 | TRANSISTOR-RESISTOR | 1 | |
| C1096 | ECA1CXL101 | E. CAPACITOR 16V 100U | 1 | | 41024 | UNZ | 2214 | TRANSISTOR-RESISTOR | _1 | |
| C1097, 98
C1099 | ECUM1E474ZFI | C. CAPACITOR CH 25V 0.47U | 2 | | R1001-05 | ERJ | 6GEYG121 | M. RESISTOR CH 1/10W 120 | | |
| C1099 | ECUM1H104ZFN | C. CAPACITOR CH 50V 0.1U | 1 | | R1006 | ***** | | M. RESISTOR 2W 680 | 1 | |
| | 1 | | | | R1007, 08 | | 6GEYG105 | M. RESISTOR CH 1/10W 1M | 2 | |
| D1001 | MA151WK | DIODE | , | | R1009 | | 14YJ4R7 | M.RESISTOR CH 1/4W 4.7 | 1 | |
| D1004 | MA151K | DIODE | | | R1010
R1011 | | | M. RESISTOR CH 1/10W 100K | 1 | |
| D1005 | MA151WK | DIODE | 1 | | R1011 | | | M. RESISTOR CH 1/10W 240 | 1 | |
| D1007 | MA3082-H | DIODE | 1 | | R1014 | | | M. RESISTOR CH 1/10W 100K M. RESISTOR CH 1/10W 150K | 2 | |
| D1008 | MA3051-M
MA153 | DIODE | 1 | | R1016 | | | M. RESISTOR CH 1/4W 4.7 | # | |
| D1009 | WA153
U1GU44 | DIODE | _! | | R1017 | ERJ | SRBD241 | I. RESISTOR CH 1/10W 240 | 1 | |
| D1011 | MA151K | D100E | - | | R1018, 19 | | GEYJ225 | A.RESISTOR CH 1/10W 2.2M | 2 | Access to the second se |
| D1012 | MA3240-H | DIODE | + | | R1020 | | | I.RESISTOR CH 1/4W 10 | 1 | |
| D1013, 14 | U1GU44 | DIODE | 2 | | R1021
R1023, 24 | | | I. RESISTOR 3W 33K | 1 | |
| D1015 | MA3240-H | D100E | 1 | | R1026 | - | | I.RESISTOR CH 1/2W 150K | 2 | |
| D1016
D1017 | FMB-G14L
U1GU44 | DIODE | 1 | | R1027 | | | RESISTOR CH 1/10W 56K | 1 | |
| | MA3051-M | DIODE | 1 | | R1028 | | | RESISTOR CH 1/10W 4.7K | 1 | THE COURT OF THE PARTY OF THE P |
| | MA151K | DIODE | 2 | | R1029 | ************ | GEYG221 M | RESISTOR CH 1/10W 220 | 1 | |
| | MA3051-M | DIODE | 2 | | R1030 | | RBD471 M | RESISTOR CH 1/10W 470 | 1 | |
| | D30SC4M | DIODE | 1 | | R1031
R1033, 34 | • | | RESISTOR CH 1/4W 10 1 | 1 | |
| | FML-G12SP | DIODE | 1 | | R1035, 34 | | | RESISTOR CH 1/2W 150K 2 | 2 | |
| | | DIODE | 1 | | R1037 | | | RESISTOR CH 1/10W 100K 1 | +- | |
| | FML-G12SP | DIODE | 2 | | R1038 | ERJ6G | ΈΥJ471 M. | RESISTOR CH 1/10W 470 1 | 1- | |
| | | | | | R1039 | ERJ6R | BD681 M. | RESISTOR CH 1/10W 680 1 | | |
| | | | | | | | | | <u> </u> | |
| | | | | | | | | | J | |

| | | | | | _ | | 1 | _ | |
|----------------|---|---------------------------|--|--|---------------------------------------|--------------|----------------------------|----------------|--|
| Ref.No. | Part No. | Part Name & Description | Pcs | Remarks Ref. | No. | Part No. | Part Name & Description | Pc | s Remarks |
| | ERJ6GEYG121 | M. RESISTOR CH 1/10W 120 | 2 | | | | | П | |
| | | M. RESISTOR CH 1/10W 330K | 1 | | | | MACANIA MATERIA | 1 | |
| R1043 | ERJ6RBD621 | M. RESISTOR CH 1/10W 620 | 1 | ■ E19 |) | VEP80A58A | POWER CONNECTION P.C.BOARD | 1 | (RTL) |
| R1044 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 | 1 | | | | | † | |
| | ERJ6GEYJ334 | M. RESISTOR CH 1/10W 330K | , | | | | | t | |
| | | | 1 2 | | | | MISCELLANEOUS | †····· | |
| | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | - | | | | III SALLEANLOOS | ł | |
| R1050 | ERG2SJ470 | M. RESISTOR 2W 47 | - | | | | COMPLETAD | - | |
| | ERJ6GEYG183 | M.RESISTOR CH 1/10W 18K | 2 | | ,., | VJS4033 | CONNECTOR | | |
| R1053 | ERJ6RBD182 | M.RESISTOR CH 1/10W 1.8K | 1 | | | | | <u> </u> | |
| R1054 | ERG2SJ470 | M.RESISTOR 2W 47 | 1 | | | | | ļ | |
| R1055 | VRT0142 | THERMISTOR | 1 | | | | | <u> </u> | |
| R1056 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | 1 | | | | | | |
| R1057 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | | | | | | |
| R1058 | ERJ6RBD362 | M. RESISTOR CH 1/10W 3.6K | 1 | ■ E20 |) | VEP82216B | MECA 1/F P.C.BOARD | 1 | (RTL) |
| | ERJ6RBD471 | M. RESISTOR CH 1/10W 470 | - | | | | | 1 | |
| R1059 | | | | | | | | f | |
| R1060 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | | | CONTRECT ION | C. CAPACITOR CH 50V 560P | ļ; | |
| R1061 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | C1 | | ECUX1H561JCV | | | |
| R1062 | VRT0033 | THERMISTOR | 1 | C2-C5 | | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 4 | } |
| R1063 | ERJ6GEYG221 | M.RESISTOR CH 1/10W 220 | 1 | C6 | | ECEV1CV2200 | E. CAPACITOR CH 16V 22U | 1 | |
| R1064,65 | ERG2SJ681 | M.RESISTOR 2W 680 | 2 | C7 | | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 1 | |
| R1066 | ERJ6GEYG331 | M. RESISTOR CH 1/10W 330 | 1 | C8 | | ECEV1CV470Q | E. CAPACITOR CH 16V 47U | 1 | |
| R1067 | ERJ6GEYG121 | M. RESISTOR CH 1/10W 120 | 1 | C9, 10 | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | |
| R1068 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | C11 | | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 1 | |
| R1069 | ERJ6RBD682 | M. RESISTOR CH 1/10W 6.8K | + ; | C12 | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| | | | +; | C13, 14 | | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 2 | |
| R1070 | ERJ6RBD162 | M. RESISTOR CH 1/10W 1.6K | <u>├</u> | The state of the s | | | | : | |
| R1071 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | ! | C15 | | ECUX1H103KBV | | | |
| R1072 | ERG3SJ333 | M. RESISTOR 3W 33K | 1 | C20 | | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | <u> </u> | |
| R1073 | ERG2SJ180 | M. RESISTOR 2W 18 | 1 | C21 | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| R1074 | ERJ14YJ390 | M. RESISTOR 1/4W 39 | _1 | C22 | | ECUX1H103KBV | C. CAPACITOR CH 50V 0.01U | 1 | |
| R1075 | ERJ6GEYG104 | M. RESISTOR CH 1/10W 100K | 1 | C23 | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| R1076 | ERW1PKR33 | W.RESISTOR 1W 0.33 | 1 | C100 | | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| R1077 | ERG3SJ333 | M. RESISTOR 3W 33K | 1 | C101 | · · · · · · · · · · · · · · · · · · · | ECEV1CV470Q | E. CAPACITOR CH 16V 47U | 1 | |
| R1078 | ERG2SJ180 | M. RESISTOR 2W 18 | 1 | C102 | | ECA1HEN101 | E. CAPACITOR 50V 100U | 1 | |
| | | | | C103 | | | C. CAPACITOR CH 50V 0.01U | | |
| R1079 | ERJ14YJ220 | | | C103 | | | E. CAPACITOR CH 16V 10U | ' | |
| R1080 | ERJ6GEYG104 | M.RESISTOR CH 1/10W 100K | ! | | | | | ' | |
| R1081 | ERW1PKR33 | W. RESISTOR 1W 0.33 | 1 | C200-C | 2 | ECUX1H101JCV | C. CAPACITOR CH 50V 100P | 3 | |
| R1082,83 | ERJ6RBD103 | M.RESISTOR CH 1/10W 10K | 2 | | | | | | |
| R1084 | ERJ6RBD132 | M. RESISTOR CH 1/10W 1.3K | 1 | D1 | | MA157 | DIODE | 1 | |
| R1085, 86 | ERJ6RBD103 | M.RESISTOR CH 1/10W 10K | 2 | D100-C | 2 | MA738 | DIODE | 3 | |
| R1087 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | | | - | | | |
| R1088 | VRE0206 | M. RESISTOR | 1 | 101,02 | | 0P177GS | IC | 2 | |
| R1089 | ERJ14YJ154 | M. RESISTOR CH 1/4W 150K | 1 | 1C3 | | NJM4580ED | IC | 1 | |
| R1090 | ERJ6RBD122 | M. RESISTOR CH 1/10W 1.2K | 1 | 104-06 | _ | UPC4558G2 | IC | 3 | |
| | | | | 1C10 | | NJM78L09UA | IC | 1 | |
| R1091, 92 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | 2 | | | NJM79L09UA | IC | 1 | |
| R1093, 94 | | M. RESISTOR CH 1/10W 10K | 2 | I IC11 | | | | | |
| R1095 | ERX2SZJR10 | M. RESISTOR 2W 0.1 | | IC100 | | MC14538BF | IC | ! | |
| R1097 | ERJ6GEYG223 | M. RESISTOR CH 1/10W 22K | 1 | | | | | | |
| R1098 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 1 | L1,L2 | | | FILTER | 2 | |
| R1099 | ERG3SJ333 | M. RESISTOR 3W 33K | 1 | L100 | | VLP0133 | COIL | 1 | |
| | | | | | | | | | |
| ⚠ T1001 | VLT0899 | TRANSFORMER | 1 | P1 | ŀ | VJP2891A030 | CONNECTOR (MALE) | 1 | Committee of the Commit |
| ⚠ T1002 | VLT0900 | TRANSFORMER | 1 | P2 | | | CONNECTOR (MALE) | 1 | |
| | ,000 | | | P11 | | | CONNECTOR (MALE) | 1 | |
| VP1001 00 | VDV01120501 | V. RESISTOR 500 | 2 | P12 | | | CONNECTOR (MALE) | 1 | |
| 1001,02 | VRV0112B501 | V. RESISTOR 500 | | P13 | \rightarrow | | CONNECTOR (MALE) | 1 | |
| | | NACEL ANECES | | | | | CONNECTOR (MALE) | 1 | |
| | | MISCELLANEOUS | | P14 | | | .,,,.,.,,, | | |
| | | | | P15 | - | | CONNECTOR (MALE) | 1 | |
| | VLP0394 | FERRITE BEAD | 8 | P16 | | | CONNECTOR (MALE) | 1 | |
| | VLP0337 | AMORPHOUS BEAD | 2 | P17 | | | CONNECTOR (FEMALE) | 1 | |
| | VLP0394 | FERRITE BEAD | 3 | P18 | T | VJP3518B002 | CONNECTOR (MALE) | 1 | |
| | VSC4779 | HEAT SINK (E) | 1 | P19 | ļ | VJP3172D002 | CONNECTOR (MALE) | 1, | |
| | | HEAT SINK (F) | 1 | P20 | T, | VJP3518B003 | CONNECTOR (MALE) | 1 | |
| <u> </u> | XYN3+F8 | SCREW | 14 | P21 | | | CONNECTOR (MALE) | 1 | |
| | ** | SCREW | 2 | P22 | | | CONNECTOR (MALE) | | |
| | XYN3+F6 | | | | | | CONNECTOR (MALE) | -; | |
| | VJR1008 | EARTH LUG | 2 | P24 | | | | - : | |
| | XYN3+F10 | SCREW | 2 | P25 | | | CONNECTOR (MALE) 3P | 1 | |
| | XYE3+EF8 | SCREW | 4 | P26 | | | CONNECTOR (MALE) 9P | 1 | |
| <u> </u> | VSC4707 | HEAT SINK | 1 | P30 | | | CONNECTOR (MALE) | 1 | |
| | VNZ2779 | INSULATION | 1 | P32 | _ T | VJP3172D004 | CONNECTOR (MALE) | 1 | |
| | VEEOC18 | GND CABLE | 1 | P33 | 1 | VJS3406B015 | CONNECTOR (FEMALE) | 1 | |
| | VSC4780 | HEAT SINK (D) | 1 | P34, 35 | ī | /JS2889A017 | CONNECTOR (FEMALE) | 2 | |
| | VMZ2919 | SHEET | 2 | P36 | | | CONNECTOR (FEMALE) | 1 | Bullion and an area and area and area and area and area and area and area and area and area and area and area a |
| | | | | P41 | | | CONNECTOR (MALE) | 1 | |
| | *************************************** | | | P48 | | | CONNECTOR (MALE) | -¦ | |
| l | | | | r48 | | 10F31200002 | CONTRACTION (MALE/ | -4 | |
| | | | | | | | | | |
| | | | | | | | | ļ | |
| | | | | | \bot | 1 | | | |
| | · · | | | | | | | | |

| Q1 | No. Part No | . Part Name & Descripti | مطممة | Dome ul- | | | | | |
|----------------|--|---|----------|--|---|---|---|----------|--|
| , 41 | 2SB1218A-R | TRANSISTOR | onPo | s Remarks | Ref. N | | | on Po | cs Remarks |
| 0100,0 | 1 2SB766-R | TRANSISTOR | | 2 | R30
R32 | ERJ6GEY0R0 | | | 1 |
| | | | | | R34 | ERJ6GEY0R00 | | | 1 |
| 0R100,0 | 01 UN2214 | TRANSISTOR-RESISTOR | | 2 | R36 | ERJ6GEY0R00 | | <u></u> | 1 |
| | | | | | R38 | ERJ6GEY0R00 | | | 1 |
| R1 | ERJ3GEYJ82 | 1 M.RESISTOR CH 1/16W 820 |) | 1 | R40 | ERJ6GEY0R00 | | | 1 |
| R2, R3 | ERJ3GEYJ56 | | | 2 | R42 | ERJ6GEY0R00 | | | 1 |
| R4 | ERJ3RBD562 | | | 1 | R44 | ERJ6GEY0R00 | | + | 1 |
| R5 | ERJ3RBD473 | M. RESISTOR CH 1/16W 47k | | 1 | R46 | ERJ6GEY0R00 | | - | 1. |
| R6 | ERJ3RBD562 | M. RESISTOR CH 1/16W 5.6K | | 1 | R48 | ERJ6GEY0R00 | | | 1 |
| R7 | ERJ3GEYJ56 | | 1 | | R50 | ERJ6GEY0R00 | | | 1 |
| R8 | ERJ3RBD333 | M. RESISTOR CH 1/16W 33K | 1 | | R52 | ERJ6GEY0R00 | | | |
| R9 | ERJ3GEYJ562 | | | | R54 | ERJ6GEY0R00 | | + | 1 |
| R10 | ERJ3RBD562 | M. RESISTOR CH 1/16W 5.6K | | | R56 | ERJ6GEY0R00 | | + | |
| R11
R12, 13 | ERJ3RBD473 | M. RESISTOR CH 1/16W 47K | | | | | | 1 | |
| R14 | ERJ6RBD103
ERJ6RBD104 | M. RESISTOR CH 1/10W 10K | | | | | MISCELLANEOUS | | |
| R15 | ERJ6RBD823 | M. RESISTOR CH 1/10W 100K M. RESISTOR CH 1/10W 82K | 1 ! | | <u> </u> | | | 1 | |
| R16 | ERJ6RBD273 | | | | | VMP4867 | XLR GUIDE ANGLE (A) | 1 | |
| R17 | ERJ3GEYJ273 | | - ; | | - | XYN26+F8 | SCREW | 2 |) |
| R18 | ERJ6RBD392 | M. RESISTOR CH 1/10W 3.9K | | 91 | | | | | |
| R19 | ERJ6RBD103 | M. RESISTOR CH 1/10W 10K | | | | | | 1 | |
| R20 | ERJ3GEYG102 | | +; | | <u> </u> | | | 1 | |
| R21 | ERJ6RBD183 | M. RESISTOR CH 1/10W 18K | +; | | | | | 1 | |
| R22 | ERJ6RBD473 | M. RESISTOR CH 1/10W 47K | i | | ■ E23 | VEP84304B | AEC/EDIL D. C. COLD | 1_ | (2-) |
| R23 | ERJ6RBD682 | M. RESISTOR CH 1/10W 6.8K | 1 | | ■ EZ3 | VEF 84304B | AES/EBU P. C. BOARD | 1 | (RTL) |
| R24 | ERJ6RBD222 | M. RESISTOR CH 1/10W 2.2K | 1 | anning and all an anning and an anning and an anning and an anning and an anning and an anning and an anning and an anning and an anning and an anning and an anning and an anning an anning and an anning an anning an anning an anning an anning an anning and an anning | | | | ļ | 1-14 - 14 - 1-14 |
| R25 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 | 1 | | J3, J4 | VJP3417 | CONNECTOR (MALE) | <u> </u> | |
| R36, 37 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 | 2 | | 11 | 10.011/ | OSTRICOTOR (MALE) | 2 | |
| R100 | ERJ3GEYJ223 | | 1 | | P31 | VJP3440B012 | CONNECTOR (MALE) | 1 | |
| R101 | ERJ86CYJ102 | M. RESISTOR CH 1/8W 1K |] 1 | | | | | | The second secon |
| R102 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 11 | | | | | | |
| R103 | ERJ3GEYJ334 | M. RESISTOR CH 1/16W 330K | 11 | | | | | | |
| R104 | ERJ3GEYJ223 | ML RESISTOR CH 1/16W 22K | 11 | | | | | | |
| R105
R200 | ERJ8GCYJ102 | M. RESISTOR CH 1/8W 1K | 14 | | | | | \vdash | |
| R200 | ERJ6GEYG752 | M. RESISTOR CH 1/10W 7.5K | 1 | | ■ E24 | VEP83385B | 422DA SUB P.C.BOARD | 1 | (RTL) |
| R202 | ERJ6GEYG242
ERJ6GEYG821 | M. RESISTOR CH 1/10W 2.4K | 1 1 | WALLEY TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE T | | | | 1 | |
| R203 | ERJ6GEYG752 | M. RESISTOR CH 1/10W 820 | 14 | | | | | | |
| R204 | ERJ6GEYG242 | M. RESISTOR CH 1/10W 7.5K M. RESISTOR CH 1/10W 2.4K | 1 !! | | | | C. CAPACITOR CH 25V 0.1U | 2 | |
| R205 | ERJ6GEYG821 | M. RESISTOR CH 1/10W 2.4K | 1 !! | | C3003 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | |
| | 10000000 | m. nesision en 1/10m 820 | | | C3004 | | C. CAPACITOR CH 25V 0.1U | 1 | |
| SW200 | VSS023706 | SWITCH | 1 | | C3005 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 1 | Tab. |
| | | | | | C3006-31 | | C. CAPACITOR CH 25V 0.1U | 26 | |
| VR1 | EVMEGSA00B24 | V. RESISTOR 20K | 11 | | C3032
C3033 | | E. CAPACITOR CH 16V 10U | 1 | |
| VR2 | EVMEGSA00B54 | | 1 1 | 91401 | C3034 | | C. CAPACITOR CH 25V 0.1U | 1 | |
| | | | 1 | | C3034 | ECEV1CV1000
ECUX1E104ZFV | E. CAPACITOR CH 16V 10U | . 1 | |
| | | 1 | 1-1- | | C3036 | l | C. CAPACITOR CH 25V 0.1U | 1 | |
| | | | 1 1 | | | | C. CAPACITOR CH 16V 10U
C. CAPACITOR CH 25V 0.1U | -1 | |
| | | | | | | | | 2 | **** |
| | | | 1 1 | | | *************************************** | C. CAPACITOR CH 25V 0.1U
C. CAPACITOR CH 50V 56P | 3 | |
| ■ E21 | VEP80856A | CARRIGE P. C. BOARD | 1 (| RTL) | | | | -; - | man and a community of the Mineson of the Community of th |
| | | | | | | | C. CAPACITOR CH 50V 1000P | 4 | |
| | | | | | | | C. CAPACITOR CH 50V 22P | | |
| P1 | VJP1249T | CONNECTOR (MALE) 9P | 1 | | | | C. CAPACITOR CH 25V 0.1U | 2 | |
| P2 | VJS2889A012 | CONNECTOR (FEMALE) | 1 | | | | C. CAPACITOR CH 50V 33P | 1 | |
| P3 | VJS2889A016 | CONNECTOR (FEMALE) | 1 | | | | C. CAPACITOR CH 25V 0.1U | 1 | the second to the second secon |
| R1-R7 | CDDCOT 1001 | A DECLOTED | <u> </u> | | C3060 | ECUX1H820JCV | C. CAPACITOR CH 50V 82P | 1 | |
| 111-15/ | ERDS2TJ221 | C. RESISTOR 1/4W 220 | 7 | | C3061 | ECUX1H102JCV | C. CAPACITOR CH 50V 1000P | 1 | |
| | f | | | The state of the s | C3062 | ECUX1H220JCV | C. CAPACITOR CH 50V 22P | 1 | |
| | <u> </u> | | | | C3063, 64 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | CONTROL DE COMPANION DE LE PRESENTATION DE LA COMPANION DE LA |
| | | | | | | | C. CAPACITOR CH 25V 0.1U | 2 | to the control of the first of the control of the c |
| | <u> </u> | | | | | | C. CAPACITOR CH 50V 33P | 1 | |
| ■ E22 | VEP84303D | AUDIO JACK P. C. BOARD | 1 (R | TT \ | C3071 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | |
| | | OROR I.C. DOARD | 110 | ITL/ | C3073 | ECUX1H820JCV | C. CAPACITOR CH 50V 82P | 1 | |
| | | | | | | | C. CAPACITOR CH 50V 1000P | 1 | |
| C6-12 | ECUM1H103ZFN | C. CAPACITOR CH 50V 0.01U | 7 | | | | C. CAPACITOR CH 50V 22P | 1 | |
| | | | | | | | C. CAPACITOR CH 25V 0.1U | 2 | |
| J7-14 | VJP3417 | CONNECTOR (MALE) | 8 | | | | | 3 | |
| | | | | | | | C. CAPACITOR CH 25V 0.1U | 5 | The state of the s |
| P1 1 | VJP3375A060 | CONNECTOR (MALE) | 1 | Malana and the second of the s | | | C. CAPACITOR CH 25V 0.1U | ! | |
| | | | 1 | | | | C. CAPACITOR CH 25V 0.1U | !} | *** |
| | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | ī | | | | | <u> </u> | |
| | EUDORE I OHOO | | | | | | | | |
| | | M. RESISTOR CH 1/10W 0 | 1 | | | | | | |
| | | | 1 | | | | CAPACITOR CH 25V 0.10 |)
 | |

| | | | т- | | | T | D . N . A D D . D | |
|------------|---------------|---------------------------|--|--|-----------|-------------|--|---|
| Ref.No. | Part No. | Part Name & Description | Pcs | Remarks | Ref. No. | Part No. | Part Name & DescriptionPcs Remarks | |
| C3126,27 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | | Q3008 | MSD601-R | TRANSISTOR 1 | |
| C3129, 30 | | C. CAPACITOR CH 25V 0.1U | 2 | | 03009, 10 | MSB709-R | THOUSE TO THE TENT OF THE TENT | |
| C3131 | ECUX1H121JCV | C. CAPACITOR CH 50V 120P | 1 | | 03011,12 | MSD601-R | | |
| C3135 | | C. CAPACITOR CH 25V 0.1U | 1 1 | | 03015, 16 | MSB709-R | | |
| C3136 | | E. CAPACITOR CH 16V 47U | 1 | | 03018, 19 | MSB709-R | TRANSISTOR 2 | |
| C3137 | | C. CAPACITOR CH 25V 0.1U | 1 | | 03022 | 2SC2404-D | TRANSISTOR 1 | |
| C3138 | ECEV1CV100Q | E. CAPACITOR CH 16V 10U | 1 | | 03024-26 | 2SC3757-R | TRANSISTOR 3 | |
| C3139, 40 | | C. CAPACITOR CH 25V 0.1U | 2 | | 03027 | MSD601R | TRANSISTOR 1 | |
| C3141 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | 03029 | MSD601-R | TRANSISTOR 1 | |
| C3142 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | . 4819 | Q3034 | MSD601-R | TRANSISTOR 1 | |
| C3143,44 | ECEV1EV3300 | E. CAPACITOR CH 25V 33U | 2 | | Q3038 | 2SA1532 | TRANSISTOR 1 | |
| C3145,46 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | | | 1 | | |
| C3147,48 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 2 | | R3001,02 | | M. RESISTOR CH 1/16W 100 2 | |
| C3149-54 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 6 | | R3009 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 1 | |
| C3155 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | R3012, 13 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K 2 | |
| C3156,57 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | | R3014-16 | | M.RESISTOR CH 1/16W 0 3 | |
| C3159, 60 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 2 | | R3023, 24 | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 22 2 | |
| C3161 | ECEV1EV330Q | E. CAPACITOR CH 25V 33U | 1 | | R3025 | ERJ3GEYJ681 | M. RESISTOR CH 1/16W 680 1 | |
| C3162 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0.1U | 1 | | R3026, 27 | ERJ3GEYJ151 | M. RESISTOR CH 1/16W 150 2 | |
| C3163 | ECEV1CV100Q | E. CAPACITOR CH 16V 10U | 1 | | R3028 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 1 | |
| C3164 | ECUX1E104ZFV | C. CAPACITOR CH 25V 0. 1U | 1 | | R3029, 30 | ERJ3GEYJ151 | M. RESISTOR CH 1/16W 150 2 | |
| C3165 | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 1 | | R3031 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 1 | |
| C3167 | | C. CAPACITOR CH 25V 0.1U | 1 | | R3033 | ERJ3GEYJ221 | M. RESISTOR CH 1/16W 220 1 | |
| | ECEV1CV1000 | E. CAPACITOR CH 16V 10U | 2 | | R3034 | ERJ3GEYJ182 | M. RESISTOR CH 1/16W 1.8K 1 | |
| C3170 | | C. CAPACITOR CH 25V 0.1U | 1 | | R3036 | ERJ3GEYJ221 | M. RESISTOR CH 1/16W 220 1 | |
| C3172,73 | | C. CAPACITOR CH 25V 0.1U | 1 2 | THE RESERVE THE PROPERTY OF TH | R3038, 39 | ERJ3GEYJ151 | M. RESISTOR CH 1/16W 150 2 | |
| C3203 | | C. CAPACITOR CH 50V 680P | l i | | R3040 | ERJ3GEYG152 | M. RESISTOR CH 1/16W 1.5K 1 | |
| C3207 | | C. CAPACITOR CH 50V 100P | 1 | | R3041,42 | ERJ3GEYJ151 | M. RESISTOR CH 1/16W 150 2 | |
| | | | 1- | | R3043 | ERJ3GEYG152 | M. RESISTOR CH 1/16W 1.5K 1 | |
| D3001 | MA152K | DIODE | 1 | | R3044 | ERJ3RBD181 | M. RESISTOR CH 1/16W 180 1 | |
| D3003, 04 | MA152K | DIODE | 1 2 | | R3045 | ERJ3GEYJ511 | M. RESISTOR CH 1/16W 510 1 | |
| 03003,04 | MATUZK | l l | | | R3049 | ERJ3GEYJ681 | M. RESISTOR CH 1/16W 680 1 | |
| FL3001 | VLF1423 | FILTER | +- | | R3050 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1K 1 | |
| FL3002, 03 | | FILTER | 1 2 | | R3051 | ERJ3GEY0R00 | M. RESISTOR CH 1/16W 0 1 | |
| FL3002, 03 | 1424 | T TETEL | +- | | R3053 | ERJ3GEYJ750 | M. RESISTOR CH 1/16W 75 1 | |
| 102001 | CHIZANI COAAC | IC | ١., | | R3054 | ERJ3GEYJ241 | M. RESISTOR CH 1/16W 240 1 | |
| 1C3001 | SN74ALS244C | IC IC | ; | | R3055 | ERJ3GEYJ222 | M.RESISTOR CH 1/16W 2.2K 1 | |
| | T74VHC244F | | + 1 | BLANK ROM | R3056 | ERJ3GEYJ221 | M. RESISTOR CH 1/16W 220 1 | |
| 1C3004 | PZ5128S10BP | IC | +-; | SOFTWARE | R3058, 59 | ERJ3GEYJ151 | M. RESISTOR CH 1/16W 150 2 | |
| ID3004 | WVS12902 | 10 | +: | SOFTHANE | R3060 | ERJ3GEYG152 | M. RESISTOR CH 1/16W 1.5K 1 | |
| 1C3005 | 74AC04SJ | IC | | | R3061, 62 | ERJ3GEYJ151 | M. RESISTOR CH 1/16W 150 2 | |
| | T2242AR2C1 | IC | ; | DI ANY DOM | R3063 | ERJ3GEYG152 | M. RESISTOR CH 1/16W 1.5K 1 | |
| 103009 | PZ5128S10BP | IC | | BLANK ROM | R3064 | ERJ3RBD181 | M. RESISTOR CH 1/16W 180 1 | |
| ID3009 | WVS12902 | | + ¦ | SOFTWARE | | | | |
| | UPD485506G25 | 1C | 3 | | R3068 | ERJ3GEYJ681 | M. RESISTOR CH 1/16W 680 1 M. RESISTOR CH 1/16W 1K 1 | |
| IC3013 | ADV7122KST50 | 10 | . ! | | R3069 | ERJ3GEYG102 | | |
| IC3014 | AD589JR | 1C | | | R3070 | ERJ3GEY0R00 | | |
| IC3015 | NJM084M | IC | 1 | | R3072 | ERJ3GEYJ750 | | |
| IC3016-18 | | IC | 3 | | R3073 | ERJ3GEYJ241 | | |
| 103030 | MC74HC32AF | IC | 1 | | R3074 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 1 | |
| IC3031 | TC7S04F | IC | 1 | | R3075 | | M. RESISTOR CH 1/16W 220 1 | |
| 1C3033 | AN78N10 | IC | 1 | | R3077 | | M. RESISTOR CH 1/10W 0 1 | |
| 1C3034 | AN78N09 | IC | 1 | | R3084, 85 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 2 | |
| 103036 | AN79N09 | IC | 1 | | R3086-91 | ERJ3RBD472 | M. RESISTOR CH 1/16W 4.7K 6 | |
| 103038 | NJM78L05UA | IC | 1 | | R3092-94 | ERJ3GEYJ331 | M. RESISTOR CH 1/16W 330 3 | |
| 103039 | NJM79L05UA | IC | 1 | | R3166 | | M. RESISTOR CH 1/16W 1K 1 | |
| 1C3040 | AN78N05 | IC | 1 | | R3168-70 | ERJ3ŒYJ103 | M. RESISTOR CH 1/16W 10K 3 | |
| 1C3042 | AN79N10 | IC | 1 | | R3171 | ERJ3GEYJ221 | M. RESISTOR CH 1/16W 220 1 | |
| 1C3054 | PZ5128S10BP | IC | | BLANK ROM | R3173 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K 1 | |
| 103054 | WVS12902 | | 1 | SOFTWARE | R3175 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K 1 | |
| | | | ļ | | R3176 | ERJ3GEYJ473 | M. RESISTOR CH 1/16W 47K 1 | |
| L3001 | VLP0133 | COIL | 1 | TOTAL | R3177 | ERJ6RBD221 | M. RESISTOR CH 1/10W 220 1 | |
| L3002 | VLQ0163J220 | COIL 22UH | 1 | | R3185 | ERJ6RBD391 | M. RESISTOR CH 1/10W 390 1 | |
| L3003, 04 | VLQ0576 | COIL | 2 | | R3188 | ERJ6RBD102 | M. RESISTOR CH 1/10W 1K 1 | |
| L3005 | VL00163J220 | COIL 22UH | 1 | | R3189 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K 1 | |
| L3013 | VLQ0163J470 | COIL 47UH | 1 | | R3191 | ERJ6RBD181 | M. RESISTOR CH 1/10W 180 1 | |
| L3015-18 | VLP0133 | COIL | 4 | | R3197 | ERJ6RED510 | M. RESISTOR CH 1/10W 51 1 | |
| | | | | | R3198 | ERJ3GEYJ222 | M. RESISTOR CH 1/16W 2.2K 1 |] |
| P3001 | VJS3538A080 | CONNECTOR (FEMALE) | 1 | | R3199 | ERJ6RED560 | M. RESISTOR CH 1/10W 56 1 |] |
| P3002 | VJS3538A052 | CONNECTOR (FEMALE) | 1 | | R3200 | ERJ3GEYJ470 | M. RESISTOR CH 1/16W 47 1 | |
| P3003 | VJP3125B007 | CONNECTOR (MALE) | 1 | | R3201 | ERJ3GEYJ101 | M. RESISTOR CH 1/16W 100 1 | |
| | | | 1 | The state of the s | R3202 | ERJ3GEYJ221 | M. RESISTOR CH 1/16W 220 1 | |
| 03002 | MSD601-R | TRANSISTOR | 1 | | R3208 | ERJ3GEYJ223 | M.RESISTOR CH 1/16W 22K 1 | |
| 03004 | MSB709-R | TRANSISTOR | 1 | | R3209 | ERJ3GEYJ221 | M. RESISTOR CH 1/16W 220 1 | |
| 03005 | MSD601-R | TRANSISTOR | 1 | | R3212 | ERJ3GEYG332 | M. RESISTOR CH 1/16W 3.3K 1 | |
| 03006,07 | MSB709-R | TRANSISTOR | 2 | | R3215 | ERJ3GEYG472 | M. RESISTOR CH 1/16W 4.7K 1 | |
| | F | | | | | | | |
| | | | 1 | | | | | |
| | | L | | | | | Market Control of the | |

| Bet 10, Pert | Ref.No. | Part No | Don't Name & D | - | | – | | | |
|--|---|-------------|--|----------|---|---|--|---|--|
| ADDITION | | | | | Pcs Remarks | | | | . Part Name & DescriptionPcs Remarks |
| March Marc | | | | | 1 3 | | | | DIODE 1 |
| PROJECT PROJ | R3221 | | | | 1 | D22-2 | 28 LN3 | 1 GPHL | LED 7 |
| SUMMAND SUMM | R3223 | | | | | | | | |
| March Marc | R3225 | ERJ6RBD752 | | | 1 | | | | |
| MOLECUID | R3226 | ERJ6RBD391 | | | | | | | |
| BULIET DECEMBER PROPERTY DECEMBER | R3227 | ERJ3GEYG102 | | | i | 103-0 | .5 IMC14 | 4094BF | IIC 3 |
| SECOND S | R3233 | ERJ3GEYJ470 | | ~~~ | 1 | | lv in | 10407 | |
| RECORD RECORD RESISTED OF 1/100 1 0 1 2000 1 2000 1 2 2000 1 2 2 2 2 2 2 2 2 2 | R3234 | ERJ3GEYG102 | | K | 11 | | | | |
| BACASA PUNCTION RESISTED OF 1/108 10 1 1 1 1 1 1 1 1 | R3237 | ERJ3GEYJ153 | | | 11 | | VJP1 | 12461 | CONNECTOR (MALE) 6P 1 |
| Section Sect | R3245 | ERJ3GEY0R00 | M.RESISTOR CH 1/16W | 0 | 1 | 1 01.10 | 2000 | 2014 D | |
| Process Proc | R3248 | ERJ3GEYG102 | M. RESISTOR CH 1/16W 1 | K | 1 | 11 01-10 | 2300 | DUIA-R | TRANSISTOR 18 |
| Process Proc | | ERJ3GEYJ331 | M. RESISTOR CH 1/16W 33 | 0 | 10 | R1 R2 | ED IS | CEVCCO | W DE LO LTOD OU A COMMISSION OF THE PROPERTY O |
| Section 1985 | | ERJ3GEY0R00 | M. RESISTOR CH 1/16W | 0 | 5 | | | | |
| March Marc | | ERJ3GEYJ220 | M. RESISTOR CH 1/16W 2 | 2 | 2. | | | | |
| March Marc | | ERJ3GEYJ103 | | (| 3 | | | | |
| Beautified Medical Print | | | | (| 2 | | | and the second second second | |
| BLUESTING OF 17/08 M. P. P. P. P. P. P. P. P. P. P. P. P. P. | | | |) | 1 | | | | |
| PLUS | | | | <u> </u> | 1 | | | | 1708 |
| READER PRODUCTION RESISTION OF 1/100 0 1 1 2 2 1 1 2 2 2 2 | | | |) | 1 | | | | 478 |
| March Marc | | | | | 1 | | | | , , , , , , , , , , , , , , , , , , , |
| PUSPEY-1/22 | | | | | 2 | | | | |
| Region Property | | | | | 1 | | | | |
| RECORD REASER/1/100 RESISTOR ON 1/1/19 10 3 1 1 1 1 1 1 1 1 1 | | | | | 2 | | | | |
| Right Report Resistence of 1/1/16 1 1 1 1 1 1 1 1 1 | | | | | 4 | R17, 18 | | | |
| PROJECTION PROJECTION PROVIDED PROVI | | | | | 3 | R19 | | | |
| Residence Resi | | | | | 1 | R20 | | and the second section of | |
| Mail | | | | _ | | R21,22 | | | III DECLOSES |
| RESISTED OF 1/100 | | | | 4 | | R23 | | *************************************** | |
| PART | | | | | 2 | R24 | ERJ6G | EYF473 | |
| R331-32 GUIDEPORNO LRESISTOR ON 1/108 LO 2 R2 REAGET-173 LRESISTOR ON 1/108 LO 2 R336-39 RAGET-173 LRESISTOR ON 1/108 LA R34 R34 R35 RAGET-173 LRESISTOR ON 1/108 R34 R34 R35 RAGET-173 LRESISTOR ON 1/108 R35 R35 RAGET-173 LRESISTOR ON 1/108 R35 R35 RAGET-173 LRESISTOR ON 1/108 R35 R35 RAGET-173 LRESISTOR ON 1/108 R35 R35 RAGET-173 LRESISTOR ON 1/108 R35 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 RAGET-173 LRESISTOR ON 1/108 R35 | | | | | 9 | R25,26 | ERJ6G | EYG181 | |
| R28 | | | | | 1 | R27 | ERJ6G | EYG103 | |
| R33.56 SALJECTORD PRESISTOR ON 1/10W 1.5K 1 R33.56 SALJECTORD PRESISTOR ON 1/10W 1.5K 1 R32 ELAGECTORD | *************************************** | | | | 2 | | | | |
| R3358-65 SLUJECHORD M. PESISTOR CH 1/10W 10K 1 | | | | + | 4 | | ERJ6G | EYG181 | M. RESISTOR CH 1/10W 180 2 |
| R32 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R34 R35 R35 R34 R35 | | | | - | 1 | | ERJ6GE | EYG103 | M. RESISTOR CH 1/10W 10K 1 |
| R33.34 El-Mode/Field R. RESISTOR CH 1/10W 10K 1 R36.001 R35.36 El-Mode/Field R. RESISTOR CH 1/10W 10K 1 R36.001 R3 | | | | | 1 | 1 | ERJ6GE | EYF473 | M. RESISTOR CH 1/10W 47K 1 |
| Page | | | TOR TOR | + | 3 | 1 | | | M. RESISTOR CH 1/10W 180 2 |
| Nas | SW3001 V | SS0367~08B | SWITCH | | 1 | f | | | |
| TRISTOPHIC TEST POINT 2 R39 | | | | + | | | | | |
| Properties Pro | TG3001, 02 E | YF6CU | TEST POINT | | 3 | | | | |
| TEST POINT | | | | + | 2 | | | | M. RESISTOR CH 1/10W 10K 1 |
| PROSECUTION PROPERTY PROPERTY PROPERTY PROSECUTION PROSECUTION PROPERTY | TP3001-03 E | YF6CU | TEST POINT | ╁ | 3 | | | | |
| NESSISTOR 100 1 | | | | +- | | | | | |
| VR3002 | VR3001 VF | RV0161B101 | V. RESISTOR 100 | ╁ | 1 | *************************************** | | | |
| VR3003 VR901138102 V. RESISTOR 1K 1 R45 R45 R466EFF6103 R45 R45 R45 R456EFF6103 R45 R45 R456EFF6103 R45 R456EFF6103 R45 R456EFF6103 R45 R456EFF6103 R45 R456EFF6103 R45 R456EFF6103 R45 R456EFF6103 R46 R456EFF6103 R46 R456EFF6103 R46 R456EFF6103 R46 R456EFF6103 R46 R456EFF6103 R47 R456EFF6103 R4 | VR3002 VF | | | + | 1 | | | | |
| VR3001 VRY0161B101 V. RESISTOR 100 1 | VR3003 VF | RV0113B102 | | 1 | | | | | |
| NR3005 NRY01138102 V. RESISTOR | VR3004 VR | RV0161B101 | | 1 | | | | ~ | |
| R48 ERJSGEYCHO3 NR.ECUSTOR CH 1/10W 10K 1 | VR3005 VR | RV0113B102 | V.RESISTOR 1K | † | | | | | |
| NR3007-09 WR001138103 | | | | 1 | | · | | | |
| R50 ERJGGEYGIBI M. RESISTOR CH 1/10W 180 1 | | | | 1 | | | | | |
| R51 | | | V.RESISTOR 1K | 1 | and all the second the second | | | | U DECLOSED |
| R52 ERJGGEYF473 M. RESISTOR CH 1/10w 10k 1 | /R3016, 17 VR | V0113B103 | V. RESISTOR 10K | 1 : | | *************************************** | | | |
| R53 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 | | | | T | | | | ************** | |
| R54 ERJGEYG103 M. RESISTOR CH 1/10W 10K 1 1 1 1 1 1 1 1 1 | | I | MISCELLANEOUS | | | | | | |
| Name | | | | | | | | | |
| R56_58 | | | | 3 | | | | | |
| R59 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 | XYI | N3+K6 | SCREW | E | | | | | |
| R60 ERJ6GEYF473 M. RESISTOR CH 1/10W 47K 1 | | | | | | | | | |
| R61 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 R62 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R63 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R63 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R64 ERJ6GEYG181 M. RESISTOR CH 1/10W 10K 1 R65 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R66 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R66 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R66 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R67 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R67 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R68 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R68 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R69 ERJ6GEYF473 M. RESISTOR CH 1/10W 10K 1 R70,71 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R70,71 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R70,71 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R70,71 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R72 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R72 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R73 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R73 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R73 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R73 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R74 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R75 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R75 ERJ6GEYG10 | | | | | | | | | |
| R62 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 10K 1 10K 10K 10K 10K 10K 10K 10K 10K | | | | | | | | | |
| R63 | | | | | | | | | |
| R64 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 R65 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R66 ERJ6GEYF473 M. RESISTOR CH 1/10W 10K 1 R66 ERJ6GEYF473 M. RESISTOR CH 1/10W 10K 1 R67 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 R67 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 R67 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 R68 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R69 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R69 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 R70, 71 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 2 R72 ERJ6GEYG181 M. RESISTOR CH 1/10W 10K 1 R73 ERJ6GEYG103 M. RESISTOR CH 1/10W 17K 1 R74, 75 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 2 R74, 75 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 1 R7 | I E26 | | | | | | | | |
| R65 | VEP VEP | 80A52B U | P FRONT 1 P.C.BOARD | 1 | (RTL) | R64 | | | |
| R66 ERJGGEYF473 M. RESISTOR CH 1/10W 47K 1 R67 ERJGGEYF473 M. RESISTOR CH 1/10W 47K 1 R67 ERJGGEYG181 M. RESISTOR CH 1/10W 180 1 R68 ERJGGEYG181 M. RESISTOR CH 1/10W 180 1 R68 ERJGGEYG103 M. RESISTOR CH 1/10W 10K 1 R69 ERJGGEYF473 M. RESISTOR CH 1/10W 47K 1 R70, 71 ERJGGEYG103 M. RESISTOR CH 1/10W 180 2 R72 ERJGGEYG103 M. RESISTOR CH 1/10W 10K 1 R73 ERJGGEYG103 M. RESISTOR CH 1/10W 10K 1 R73 ERJGGEYG103 M. RESISTOR CH 1/10W 10K 1 R74, 75 ERJGGEYG103 M. RESISTOR CH 1/10W 180 2 R74, 75 ERJGGEYG103 R74, 75 ERJGGEYG103 R74, 75 ERJGGEYG103 R74, 75 ERJ | | | | | | | ERJ6GEY0 | 3103 | |
| R67 ERJGGEYG181 M. RESISTOR CH 1/10W 180 1 | | | MILES - 1814 | | | | | | |
| R68 ERJGGEYG103 M. RESISTOR CH 1/10W 10K 1 | | | | 1 | | R67 | | | |
| R69 ERJGGEYF473 M. RESISTOR CH 1/10W 47K 1 | | | A. = = . = | 4 | | R68 | | | |
| R70,71 ERJGGEYG181 M. RESISTOR CH 1/10W 180 2 | | | | 1 | | R69 | | | |
| R72 ERJ6GEYG103 M. RESISTOR CH 1/10W 10K 1 | ! ECUI | MIE104ZFN C | .CAPACITOR CH 25V 0.1U | 1 | | R70,71 | | | |
| R73 R74,75 R74, | <u> </u> | | | [| | | | | |
| CANTIFFE LED 1 R74,75 ERJ6GEYG181 M. RESISTOR CH 1/10W 180 2 | | | | 1 | | R73 | | | |
| / LNSTROPIL LED 1 | | | and the same of th | 1 | | ******************* | ***** | | |
| MATOZK DIOOE 1 | | | | 1 | | | | | 2 |
| | / MA15 | ozk Di | ODE | 1 | | | THE STATE OF THE PARTY AND THE | | |
| | | | | Ī | | | | | The state of the s |
| | | | | _[| | | | | |

| | Т- | 1 | | | , | T | In | T | |
|------------------|--|--|------------|--|---|--|--|--------------|--|
| Ref.No. | Part No. | Part Name & Description | Pcs | Remarks | Ref. No. | Part No. | Part Name & Description | nΡ | cs Remarks |
| ļ | V000507 | MISCELLANEOUS | | | 1C32 | TLC5491PS | IC | | 1 |
| · | VG02507 | LED SPACER | 3 | | IC34 41 | MC74HC4051F
NJM2904M | IC IC | +- | 8 |
| | VMX2147 | SPACER | | | IC34-41
IC42 | MC74HC11F | IC IC | +- | 1 - |
| l | | | | | 1C42
1C43 | MC74HC11F | IC IC | +- | 11 |
| L | | | ļ | ,,.,.,. | 1043 | MC/4NCJZAP | 10 | - | |
| L | | | ļ | | IS2 | VJS2336A032 | IC SOCKET | + | 1 |
| | + | | ļ | | 132 | T002330M032 | 1.0 000KE1 | + | |
| E E26 | VEP80852A | UP FRONT 2 P.C.BOARD | 1 | (RTL) | L1-L3 | VLP0133 | COIL | + | 3 |
| ■ E26 | OVOJEA | E 7. O. DUNIN | - | | 11 | 1 | _ | + | |
| | | | | | P1, P2 | VJP1942T | CONNECTOR (MALE) | † | 2 |
| D1 | VLL0029 | LED | 1 | | P3, P4 | VJP3440A016 | CONNECTOR (MALE) | | 2 |
| <u></u> | | | Ė | | P5 | VJP2891A016 | CONNECTOR (MALE) | T | 1 |
| P1 | VJP1246T | CONNECTOR (MALE) 6P | 1 | | P6 | VJS3281A020 | CONNECTOR (FEMALE) | Ţ | 1 |
| | | | | | P7 | VJS2698A028 | CONNECTOR (FEMALE) | Γ | 1 |
| SW1 | VSP0864C001 | SWITCH | 1 | | P8 | VJP1233T | CONNECTOR (MALE) 6P | | 1 |
| | | Annual Control of the | | | l | | | 1 | |
| | | | | | RI | ERJ6GEYG222 | M. RESISTOR CH 1/10W 2.2K | | 1 |
| | | | | | R2-R7 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | | 6 |
| | | | [<u>]</u> | | R8-15 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 1 | 8 |
| | | | | /DTL) | R16 | ERJ6GEYG222 | M. RESISTOR CH 1/10W 2.2K | 1 | 1 |
| ■ E2 7 | VEP86285B | FRONT CPU P.C.BOARD | 1 | (RTL) | R17 | ERJ6GEYG181 | M. RESISTOR CH 1/10W 180 | 1 | 11 |
| | | | | | R18, 19 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | | 2 |
| | ECHATITA CO. | C CAPACITOD OU FOU A STU | <u> </u> | | R20 | ERJ6GEYF473 | M. RESISTOR CH 1/10W 47K | - | · · |
| C1 | | C. CAPACITOR CH 50V 0.01U | <u>.</u> | The same of the sa | R21-36
R37-41 | ERJ6GEYG103
ERJ6GEYF473 | M.RESISTOR CH 1/10W 10K M.RESISTOR CH 1/10W 47K | | 5 |
| C2 | | E. CAPACITOR CH 50V 2.2U | | ышы,-,- | l 6 | ERJ6GEYF473
ERJ6GEYF472 | | | 2 |
| C3 C4 C5 | | C. CAPACITOR CH 50V 0.01U
C. CAPACITOR CH 50V 10P | 2 | | R42,43 | ERJ6GEYF472
ERJ6GEYG101 | M. RESISTOR CH 1/10W 4.7K M. RESISTOR CH 1/10W 100 | | 1 |
| C4, C5
C6 | | C. CAPACITOR CH 50V 10P | - 1 | | R46 | ERJ6GEYG101
ERJ6GEYF472 | M. RESISTOR CH 1/10W 100 M. RESISTOR CH 1/10W 4.7K | | 1 |
| C6
C7-14 | | C. CAPACITOR CH 25V 0.1U | 8 | | R48 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 4.7K | | 1 |
| C7-14
C15 | ECUMITIO 3KBN | C. CAPACITOR CH 25V 0.1U | 1 | | R49, 50 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | 4 | 2 |
| C16, 17 | | C. CAPACITOR CH 25V 0.10 | 2 | ALAMO AND TO THE TRANSPORT OF THE PROPERTY OF | R51-54 | ERJ6GEYG563 | M. RESISTOR CH 1/10W 56K | | 4 |
| C20, 21 | ECEV1CV4700 | E. CAPACITOR CH 16V 47U | 2 | —————————————————————————————————————— | R55-58 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 4- | 4 |
| C22-25 | | C. CAPACITOR CH 25V 0.1U | 4 | | R59-63 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | | 5 |
| C26, 27 | | E. CAPACITOR CH 16V 47U | 2 | | R64 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | ٠ | 1 |
| C28-37 | | C. CAPACITOR CH 50V 0.01U | 10 | | R65-69 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | 4 | 5 |
| C38, 39 | | E. CAPACITOR CH 16V 47U | 2 | | R70-98 | ERJ6GEYG103 | M. RESISTOR CH 1/10W 10K | 2 | |
| C40-42 | + | C. CAPACITOR CH 25V 0.1U | 3 | | R99,00 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | 2 |
| C43-47 | ECUM1H103KBN | C. CAPACITOR CH 50V 0.01U | 5 | | R101-04 | ERJ6GEYG392 | M. RESISTOR CH 1/10W 3.9K | | 4 |
| C48-51 | | C. CAPACITOR CH 25V 0.1U | 4 | | R10507 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | | 3 |
| C52-75 | | C. CAPACITOR CH 50V 0.01U | 24 | | R128, 29 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | . | 2 |
| C76-81 | | M. RESISTOR CH 1/10W 0 | 6 | | R131-56 | ERJ6GEYG103 | M.RESISTOR CH 1/10W 10K | 2 | |
| C82 | | C. CAPACITOR CH 50V 0.01U | 1 | | R157 | ERJ6GEY0R00 | M. RESISTOR CH 1/10W 0 | ļ | 1 |
| C84-86 | | C. CAPACITOR CH 50V 220P | 3 | | R158-65 | ERJ6GEYG102 | M. RESISTOR CH 1/10W 1K | 4 | 8 |
| C88, 89 | | C. CAPACITOR CH 50V 0.01U | 2 | | R200, 01 | ERJ6GEYG121 | M. RESISTOR CH 1/10W 120 | Į | 2 |
| C93 | ECEV1CV470Q | E. CAPACITOR CH 16V 47U | -1 | | R202,03 | ERJ6GEYF472 | M. RESISTOR CH 1/10W 4.7K | [| 2 |
| D) De | MATERIAL | DIODE | _ | | CW1 | VSSOIRA | SWITCH | | 1 |
| D1~D8 | MA152WK | DIODE | 8 | | SW1 | VSS0184 | SWITCH | ļ | 1 |
| DP1 | VE01847 | DISPLAY TUBE | 1 | | X1 | VSX0641 | CRYSTAL OSCILLATOR | - | 1 |
| <i>-</i> 1 | 7-VIO4/ | - IS EN IVUL | | | " | //0071 | | ļ | * |
| FL1-L4 | VLF1016A470 | FILTER | 4 | | | | MISCELLANEOUS | 1 | |
| =7 | | | \dashv | | | | | <u> </u> | <u> </u> |
| IC1 | HD64180ZRP10 | IC | 1 | | | VMX2507 | SPACER | 1 | 2 |
| 1C2 | VS12975A | IC | 1 | | | XYN3+K8 | SCREW | 4 | 2 |
| 1C3 | K6256DLG7L | IC . | 1 | - 41 40 40 40 40 40 40 40 40 40 40 40 40 40 | | | | 1 | |
| 1C4 | TL7705CPSB | IC | _1 | | | | | [| 91 10 (0.100 - 0.100 - 0.100 - 1.100 - 0.100 - |
| 1C5 | 74F32SJ | IC | 1 | NO. 400 100 100 100 100 100 100 100 100 100 | | | | | |
| 1C6 | MC74HC161AF | IC | 1 | | | | | | |
| IC13 | MC74HC04AF | łC | 1 | Annual Control of the | | TO CA ACTION As to the second delegation and | | | 7614 |
| IC14 | TE7751 | IC | 1 | | ■ E28 | VEP86148D | FRONT CPU SUB P.C.BOARD | 1 | 1 (RTL) |
| IC15 | MC74HC138AF | 16 | 1 | × | | | | L | 4.400 |
| IC16 | | IC | 1 | | | | | ļ | |
| IC17 | | 10 | 1 | | P1 | VJS3406B028 | CONNECTOR (FEMALE) | 1 | |
| IC18 | | IC | 1 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | FB 444-1 | Name of the second seco | ļ,. | |
| | Committee of the second | 16 | 2 | | R1-R5 | ERJ6GEYG101 | M. RESISTOR CH 1/10W 100 | 5 | |
| IC22 | | IC | 1 | | Cun | Vecasas | CWLTCU | | |
| IC24 | UPC339G2 | 10 | 1 | | | VSS0391 | SWITCH | 6 | |
| IC24 | MC74HC04AF | IC IC | # | | | VSS0391
VSP1013 | SWITCH | 1 | |
| 1C25
1C26 | | IC | - | | SW11-13 | VSP1013 | SWITCH | 3 | |
| 1C26
1C27 | | 1C | # | | VR2-R5 | VRV0273 | V. RESISTOR | | |
| IC27
IC28, 29 | | IC IC | 2 | | ************************************** | uz/J | | 4 | |
| 1C28, 29 | | IC IC | 1 | ,,,,, | *************************************** | | | | |
| | | IC . | 1 | | t | | | | |
| | | | + | | | | | | |
| | · | | 1 | | | | | | |
| | · | | _ | | | | · | | · · · · · · · · · · · · · · · · · · · |

| Ref. | No. Part No | . Part Name & Descripti | onPo | s Remarks | D., f. N | D N | D . V . O D | Т | |
|------------------|----------------------------|---|--|--|--|---|--|--------------|--|
| | | | 0 | A Remarks | Ref. No
SW3 | O. Part No
VSP0792 | . Part Name & Descripti | on | Pcs Remarks |
| | | | | | SW5 | VSP0790 | SWITCH | | 1 |
| ■ E29 | 9 VEP80A49C | FRONT SW P.C.BOARD | | I (RTL) | SW7 | VSP0795 | SWITCH | | 11 |
| | | | | | SW8 | VSP0864A00 | -212/16-4 | | 1 |
| C1 | ECHNICIO 47 | EU A AIRIAITAR | | | SW11,12 | VSP0795 | SWITCH | | 2 |
| C4, C5 | ECUM1H103K | FN C.CAPACITOR CH 25V 0.1L
BN C.CAPACITOR CH 50V 0.01L | | | SW15 | VSP0999A00 | | 1 | 1 |
| C7-11 | ECUMTH103K | | | | SW17-24 | | | + | 8 |
| C13 | ECEA0JGE10 | | | } | SW27, 28 | VSS0226 | SWITCH | | 2 |
| C14 | | BN C. CAPACITOR CH 50V 0.01U | | | SW31
SW32 | VSS0226
VSP1005 | SWITCH | | 1 |
| C16 | ECEV1HV4R70 | E. CAPACITOR CH 50V 4.7U | | | SW34 | VSP1005 | SWITCH
SWITCH | | 1 |
| C17 | ECUX1H333KE | | | | SW39-41 | VSP1005 | SWITCH | - | |
| C18 | ECUM1H103KE | | 1 | | | | - Control | + | 3 |
| C19
C20 | ECEA1AGE331 | | 1 | | TRI | VLT0869 | TRANSFORMER | | 1 |
| C30, 31 | ECEA1HGE470
ECUM1H103KE | | _ 1 | | | | 77 (1981 - 1984) | + | |
| 000,01 | COMITITOSE | SN C. CAPACITOR CH 50V 0.01U | _ 2 | | | | MISCELLANEOUS | 1 | |
| D2-D5 | LN38GCPP | LED | - | | i I | | | | |
| D6 | LN28RCPP | LED | | | - I | VJF1258 | HOLDER | | 1 |
| D7 | LN38GCPP | LED | 1 | | | VMX2147 | SPACER | 1 | 13 |
| D9 | LN38GCPP | LED | 1 | | 1 | | | | |
| D10 | LN48YCPP | LED | 1 | | 11 | <u> </u> | The second secon | + | |
| D12
D13-16 | LN48YCPP | LED | 1 | | | | | + | **** |
| D13-16 | LN38GCPP
MA152WA | LED
D100E | 4 | | | | | 1 | The state of the s |
| D26, 27 | MA152NA
MA152A | DIODE | 9 | The second secon | ■ E30 | VEP80A99A | FRONT VR 1 P.C. BOARD | 1 | 1 (RTL) |
| D28-38 | MA152WA | DIODE | 11 | The state of the s | | | | | |
| D39 | MA152A | DIODE | +;;; | | P1 | V ID10207 | COMPLETED (******) | 1 | |
| D40 | MA152WA | DIODE | † i) | | | VJP1230T | CONNECTOR (MALE) 3P | 1 | 1 |
| D44 | MA4300 | DIODE | 1 | | R6 | ERDS2TJ220 | C. RESISTOR 1/4W 22 | | 1 |
| D45 | MA166 | DIODE | 1 | | | | C. RESISTOR 1/4W 22 | - | , |
| D46 | MA701A | DIODE | 1 | | VR6 | EWVBB6018B14 | V. RESISTOR 10K | ١, | |
| D47 | MA4030M | DIODE | 1 | | | | | † – i | |
| DP1 | VSL0462 | DISPLAY TUBE | + | | | | MISCELLANEOUS | l | |
| | 11020102 | DISCENT TOBE | | | | | | | **** |
| F1 | EYP2BN135 | FUSE | 11 | | | VMP5945 | BARRIER ANGLE | 1 | |
| | | | 11 | | ļ | XTV3+6F
VEE0F84 | SCREW | 1 | |
| IC1 | UPD71055GB | IC | 1 | | | VEEUF 04 | FRONT VR1 CABLE | 1 | |
| 1C2, C3 | MC74HC138AF | IC | 2 | | | | | | |
| 105-09 | MC74HC273AF | IC | 5 | | | | | | |
| IC11 | UPD16310GF | IC | 1 | | | | | | |
| P1, P2 | VJP1986T | CONNECTOR (MALE) | 2 | | | | | | |
| | 101 10001 | COUNTECTOR (MALL) | 4 | | ■ E31 | VEP80B00A | FRONT VR 2 P.C.BOARD | 1 | (RTL) |
| 045,46 | 2SC1815Y | TRANSISTOR | 2 | 11.1 (mm. m. m. m. m. m. m. m. m. m. m. m. m. | | | | | |
| Q47 | 2SC3074Y | TRANSISTOR | 1 | | FL1-L3 | VLF1356 | FILTER | | Annual Control of the |
| Q48-53 | 2SB709A-R | TRANSISTOR | 6 | | | 12, 1330 | I ILICA | 3 | *************************************** |
| AD1 40 | | | | | J1 | VJJ0378 | M6 JACK | 1 | |
| 0R1-40 | UN2214 | TRANSISTOR-RESISTOR | 40 | | | | | - | |
| R4-11 | ERJ6GEYG181 | M. RESISTOR CH 1/10W 180 | | | P1 | /JP3440A016 | CONNECTOR (MALE) | 1 | |
| R12-14 | | M. RESISTOR CH 1/10W 180 M. RESISTOR CH 1/10W 220 | 3 | | | | | | |
| R15-19 | | M. RESISTOR CH 1/10W 180 | 5 | | R1-R5 | RDS2TJ101 | C.RESISTOR 1/4W 100 | 5 | |
| R20-26 | | M. RESISTOR CH 1/10W 220 | 7 | | VR1-R5 | VU023006B14 | V. RESISTOR 10K | _ | 71-44-4 |
| R27-29 | | M.RESISTOR CH 1/10W 180 | 3 | | · · · · · · · · · · · · · · · · · · · | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | V.RESISTOR 10K | 5 | |
| R30-34 | | M. RESISTOR CH 1/10W 220 | 5 | | | | MISCELLANEOUS | | The state of the s |
| R35-42
R43-50 | | M. RESISTOR CH 1/10W 180 | 8 | | | | | + | |
| R51-53 | | M. RESISTOR CH 1/10W 4.7K | 8 | | | | HOLDER | 1 | |
| R110 | | MLRESISTOR CH 1/10W 0 MLRESISTOR CH 1/10W 10K | 3 | | Ţv | MX2147 : | SPACER 1 | 3 | |
| R111 | | C.RESISTOR 1/4W 6.8K | -: - | | | | | Ţ | |
| R112 | | C. RESISTOR 1/4W 100 | 1 | | | | | 1 | |
| R113 | · | C.RESISTOR 1/4W 220 | 1 | | | | | - - | THE REAL PROPERTY AND ADDRESS OF THE PARTY AND |
| R114 | | C. RESISTOR 1/4W 22 | 1 | | | | | + | **** |
| R115 | | M. RESISTOR CH 1/8W 10K | 1 | | | | Se | - | and the state of t |
| R120
R121-28 | | M. RESISTOR CH 1/10W 47K | 1 | | | | The state of the s | † | W Williamson and to reduce the Article of the Artic |
| | | M.RESISTOR CH 1/10W 10K M.RESISTOR CH 1/10W 22K | 8 | | | | | + | |
| | | MLRESISTOR CH 1/10W 22K | 12 | | | | | 1 | AND THE PROPERTY OF THE PROPER |
| R142 | | 1. RESISTOR CH 1/10W 4.7K | 1 | | | | | L | |
| R143-45 | | A. RESISTOR CH 1/10W 10K | 3 | | | | ************************************** | 1 | |
| | | | + | | | | THE RESERVE TO THE PERSON OF T | - | ************************************** |
| | | WITCH | 1 | | | | | +- | |
| SW2 | VSP0788 S | WITCH | 1 | | | | We consider the control of the contr | + | |
| | | | | | | | | <u> </u> | the state of the s |
| | | | Щ. | | | | | 1 | STREET, STREET |
| | | | | | | | | | |